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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

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Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIP) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIP), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris

- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:

- | | |
|---|------|
| | N/A |
| a) for each request | \$10 |
| b) plus, for each patent or application to which the request relates | \$10 |
| c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first | \$10 |
| d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes | \$10 |

Article 25.1* Demande d'une copie d'un document sous forme électronique :

- | | |
|--|-------|
| | S.O. |
| a) pour chaque demande | 10 \$ |
| b) pour chaque demande de brevet ou brevet visé par la demande | 10 \$ |
| c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel | 10 \$ |
| d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur | 10 \$ |

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1792*
For each additional sheet over 30	\$20
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1^{er} octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1792 \$*
Pour chaque feuille au delà de 30	20 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Notices

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(a)) **\$269**

6. Preliminary examination fee **\$800**
(Rule 58)

* International fees will be reduced by:

- **\$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **\$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2a)) **269 \$**

6. Taxe d'examen préliminaire **800 \$**
(Règle 58)

* Les frais seront réduits de:

- **269 \$** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 \$** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée

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Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets* et de la *Loi sur les marques de commerce*.

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Avis

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development
Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tél.: 343-291-3436

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development
Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique
Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 343-291-3436

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique
Canada
Édifice Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6

Notices

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont des

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correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe or ePCT);
- [general correspondence relating to applications and patents](#);
- [maintaining the name of a patent agent on the register](#)

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquiescement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe ou ePCT);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre](#)

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- of patent agents; and
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyée par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce;
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

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- communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

communication.

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

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application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
- ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

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the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Avis

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

- i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;
- ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
- iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
- iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

- i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
- ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
- iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
- iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

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the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta:** Third Monday in February (Alberta Family Day)
2. **British Columbia:**
 - o First Monday in August (British Columbia Day)
 - o Second Monday in February (British Columbia Family Day)
3. **New Brunswick:** First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador:**
 - o March 17 (St. Patrick's Day)
 - o April 23 (St. George's Day)
 - o June 24 (Discovery Day)
 - o July 12 (Orangemen's Day)
 - o First Monday in August (Regatta Day)
5. **Nova Scotia:** First Monday in August (Civic Holiday)
6. **Ontario:**
 - o Third Monday in February (Ontario Family Day)
 - o First Monday in August (Civic Holiday)
7. **Prince Edward Island:** First Monday in August (Civic Holiday)
8. **Quebec:** June 24 (St. John the Baptist Day)
9. **Saskatchewan:** First Monday in August (Saskatchewan Day)
10. **Yukon:** Third Monday in August (Discovery Day)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta :** troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique :**
 - o premier lundi d'août (Fête de la Colombie-Britannique)
 - o deuxième lundi de février (Jour de Famille de la Colombe -Britannique)
3. **Nouveau-Brunswick :** premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador :**
 - o 17 mars (Fête de la Saint-Patrick)
 - o 23 avril (Fête de la Saint-Georges)
 - o 24 juin (Journée de la Découverte)
 - o 12 juillet (Jour des Orangistes)
 - o Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse :** premier lundi d'août (congé statutaire)
6. **Ontario :**
 - o troisième lundi de février (Jour de la Famille de l'Ontario)
 - o premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Édouard :** premier lundi d'août (congé civique)
8. **Québec :** 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan :** premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon :** troisième lundi d'août (Journée de la Découverte)

Jours de fermeture des bureaux de l'OPIIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIIC sont fermés au public les jours suivants :

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- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondence procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^{MC}, par Xpresspost^{MC} ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of \$125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

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télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 \$ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 26, 2017 contains applications open to public inspection from September 10, 2017 to September 16, 2017.

15. Demandes canadiennes mises à la disposition du public

La *Gazette du bureau des brevets* du 26 septembre 2017 contient les demandes disponibles au public pour consultation pour la période du 10 septembre 2017 au 16 septembre 2017.

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DELIVERY PEN**
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[54] **SUPPRESSION DE PRODUCTION DE CYTOKINES PRO-INFLAMMATOIRES PENDANT UNE THERAPIE PAR REOVIRUS ONCOLYTIQUE**

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[73] NUHN INDUSTRIES LIMITED, CA
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[54] **DETECTION ET UTILISATION DE MODULATEURS A FAIBLE POIDS MOLECULAIRE DU RECEPTEUR AU FROID ET AU MENTHOL TRPM8**
[72] SUBKOWSKI, THOMAS, DE
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[54] **EQUIPEMENT DE PROTECTION POUR UN DISPOSITIF OPTIQUE D'UN VEHICULE, EN PARTICULIER D'UN VEHICULE DE COMBAT**
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[54] **SYSTEMES, PROCESSES ET APPAREIL PERMETTANT UNE COMPENSATION ACTIVE D'ELEMENTS DE PROCESSEUR QUANTIQUE**
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[72] DAMBACHER, JESSE DEAN, US
[72] BERA, TUSHAR KANTI, US
[72] SKINNER, PHILIP, GB
[72] SEVERT, RICHARD JOSEPH, US
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[54] **DISPOSITIF DE FIXATION DE TAMIS**
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[72] KOLB, KLAUS, DE
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RESTORATION AND
STABILIZATION
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[54] **AGENCEMENT POUR EGALISER UNE CHARGE DE MATIERE SOLIDE POUDREUSE D'UN BRULEUR DE CONCENTRE D'UN FOUR DE FUSION A SUSPENSION OU DE CONVERSION A SUSPENSION**
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[72] MINTA, MOSES, US

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[72] LUK, JONATHAN, US

[72] HOFMANN, ALEXANDER L., US

[72] DO ROSARIO, FABRICIO CHALUB BARBOSA, US

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[54] **COMPOSITION ET PROCÉDE DE PRÉPARATION D'UN DESSERT CONGÈLE CONTENANT DE LA GÉLATINE**

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[72] MAYA, IGNACIO LUCAS, MX

[73] RICH PRODUCTS CORPORATION, US

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[54] **SYSTÈME DE SECOURS BASE SUR LA DÉDUPLICATION DE FICHIERS SYSTÈME**

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[73] DELPHIX CORP., US

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[54] **PROCÉDE DE NETTOYAGE D'UN REACTEUR**

[72] TAKAHASHI, SHINYA, JP

[72] TASAKA, KAZUHIKO, JP

[72] TANAKA, YUICHI, JP

[72] IWAMA, MARIE, JP

[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP

[73] INPEX CORPORATION, JP

[73] JX NIPPON OIL & ENERGY CORPORATION, JP

[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP

[73] COSMO OIL CO., LTD., JP

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[54] **PROCEDE DE REFROIDISSEMENT DE SAUMONS DE CULTURE PERMETTANT LEUR ETOURDISSEMENT RAPIDE PENDANT LA RECOLTE**
[72] NENADOVICI DEL RIO, MIGUEL, CL
[73] NENADOVICI DEL RIO, MIGUEL, CL
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[54] **BOITE A L'EPREUVE DES ENFANTS POUR DES OBJETS ET DECOUPE**
[72] HULTBERG, LENNART, SE
[72] SONESSON, LARS, SE
[73] MCNEIL AB, SE
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[54] **SHARING AND DECONFLICTING DATA CHANGES IN A MULTIMASTER DATABASE SYSTEM**
[54] **PARTAGE ET RESOLUTION DE CONFLITS DE MODIFICATIONS DE DONNEES DANS SYSTEME DE BASE DE DONNEES A PLUSIEURS MAITRES**
[72] GARROD, JOHN KENNETH, US
[72] CARRINO, JOHN ANTONIO, US
[72] BRAINARD, KATHERINE, US
[72] SCOTT, JACOB, US
[72] CHIANG, ALLEN, US
[73] PALANTIR TECHNOLOGIES, INC., US
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[54] **METHOD FOR INCREASING THE ADVANTAGES OF STARCH IN PULPED CELLULOSIC MATERIAL IN THE PRODUCTION OF PAPER AND PAPERBOARD**
[54] **PROCEDE D'AUGMENTATION DES AVANTAGES DE L'AMIDON DANS UN MATERIAU CELLULOSIQUE REDUIT EN PATE LORS DE LA PRODUCTION DE PAPIER ET DE CARTON**
[72] KRAPSCHE, LUDWIG, AT
[72] MC GREGOR, CHRISTOPHER JOHN, GB
[72] MALLARD DE LA VARENDE, JEAN VICTOR, FR
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[54] **STRUCTURE DE JOINT D'UNE COLONNE ET D'UN MONTANT COMPORTANT DES PORTIONS DEFORMABLES**
[72] KARNS, JESSE, US
[73] MITEK HOLDINGS, INC., US
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[30] US (12/859,437) 2010-08-19

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[54] **LOCKING DEVICE FOR MECHANICAL PIECES, PARTICULARLY FOR PIECE SUBJECTED TO MECHANICAL PROCESSING OR SIMILAR**
[54] **DISPOSITIF DE VERROUILLAGE POUR PIECES MECANQUES, EN PARTICULIER POUR UNE PIECE SOUMISE A UN TRAITEMENT MECANIQUE OU SIMILAIRE**
[72] CANUTO, ALMERINO, IT
[73] FCS SYSTEM SRL, IT
[85] 2013-02-12
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[54] **COMPOSITES THERMOPLASTIQUES AVEC FIBRES A FORT VOLUME DE CHARGEMENT DE FIBRES AINSI QUE LEURS PROCEDES ET APPAREIL DE PRODUCTION**
[72] FORTUNATO, KEVIN, US
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[73] GREENE, TWEED OF DELAWARE, INC., US
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[54] **COMPTEUR D'ENERGIE ELECTRIQUE COMPACT**
[72] NEAL, STANLEY DALE, US
[72] GREER, DAVID RANDALL, JR., US
[72] WILKERSON, DONOVAN EUGENE, US
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[54] **MAILLET COMPORTANT UNE GARNITURE DE COUPE ET UN CORPS DE BASE**
[72] DOPPSTADT, JOHANN, DE
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[73] DOPPSTADT FAMILIENHOLDING GMBH, DE
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[54] **COATED FERTILIZER PARTICLES**
[54] **PARTICULES D'ENGRAIS ENROBEES**
[72] WRIGHT, DANNY R., US
[72] VALAGENE, RICHARD J., US
[72] CHERRY, DON T., US
[72] COCHRAN, KETHI D., US
[72] HOLT, TIM G., US
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[54] **DISPOSITIF DE CRYO-ABLATION PRESENTANT UN TUBE D'INJECTION POUVANT ETRE DEPLOYE**
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[73] MEDTRONIC ABLATION FRONTIERS LLC, US
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[54] **DENTIFRICE COMPOSITION WITH REDUCED ASTRINGENCY COMPRISING A ZINC SALT, A HALOGENATED DIPHENYL ETHER, AND A CHELATING AGENT**
[54] **COMPOSITION DE DENTIFRICE A ASTRINGENCE REDUITE COMPRENANT UN SEL DE ZINC, UN ETHER DE DIPHENYLE HALOGENE ET UN AGENT CHELATANT**
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[72] FISHER, STEVEN W., US
[72] PRENCIPE, MICHAEL, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **BREATHING ASSEMBLY FOR AIRCRAFT WITH STRENGTHENED MASK SECURING DEVICE**
[54] **ENSEMBLE RESPIRATOIRE POUR AVION AVEC DISPOSITIF RENFORCE DE FIXATION DU MASQUE**
[72] BRUCKERT, SEBASTIEN, FR
[72] GERARD, PHILIPPE, FR
[72] LAMOURETTE, DIDIER, FR
[72] BERTHET, FREDERIC, FR
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[54] PROCEDE ET INSTALLATION D'ABATTAGE DE VOLAILLES
[72] VAN STUIJVENBERG, WIM, NL
[73] TOPKIP B.V., NL
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[54] SYSTEME D'ACTIONNEMENT DE TURBOCOMPRESSEUR ET PROCEDE POUR UN MOTEUR A COMBUSTION INTERNE
[72] JONES, GREGG, US
[73] JONES, GREGG, US
[85] 2013-05-10
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[54] SYSTEME DE GESTION DE TRANSMISSION, SYSTEME DE TRANSMISSION, PROGRAMME POUR SYSTEME DE GESTION DE TRANSMISSION ET SUPPORT D'ENREGISTREMENT D'INFORMATIONS LISIBLES PAR ORDINATEUR
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[72] ASAI, TAKAHIRO, JP
[73] RICOH COMPANY, LTD., JP
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[54] TUBE AVEC UN RACCORD LUER-LOCK FEMELLE
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[72] KUHESCH, CHRISTIAN, CH
[72] SCHULPBACH, MARIO, CH
[73] HOFFMANN NEOPAC AG, CH
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[54] COMPOSANT STRUCTUREL ET PROCEDE DE FABRICATION
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[73] CYRIL BATH COMPANY, US
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[54] MAILLET COMPORTANT UNE POINTE DE MAILLET EN PLUSIEURS PARTIES
[72] DOPPSTADT, JOHANN, DE
[72] HERGER, HORST, DE
[73] DOPPSTADT FAMILIENHOLDING GMBH, DE
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[30] DE (20 2010 014 029.3) 2010-10-08

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[51] Int.Cl. F15D 1/00 (2006.01)
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[54] PIECES INTERNES DE TUYAUTERIE POUR REGULER LA SEPARATION D'UN ECOULEMENT GAZ-LIQUIDE
[72] VANNAUKER, DAVID LEE, US
[72] SURYO, RONALD, US
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[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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WIRE AND CABLE
APPLICATIONS**
[54] **COMPOSITION D'AGENT
IGNIFUGEANT SANS HALOGENE
POUR DES APPLICATIONS DE
FIL ET DE CABLE**
[72] SUN, SAM YABIN, CN
[72] ZHU, JOURNEY LU, CN
[72] GUO, DAVID HONG FEI, US
[72] TAI, XIANGYANG, CN
[72] CAO, YURONG, CN
[72] HE, ABBIE XIAORONG, CN
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[54] **PROCEDE DE COMMANDE D'UN
LUMINAIRE URBAIN**
[72] SCHRODER, HELMUT, DE
[72] BRAND, DANIEL, DE
[73] SCHREDER S.A., BE
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AND METHODS**
[54] **PROCEDES ET DISPOSITIF DE
MANUTENTION D'ELEMENTS
TUBULAIRES**
[72] ELLIS, BRIAN, US
[72] YOUSEF, FAISAL J., US
[72] KUTTEL, BEAT, US
[72] WEEMS, CRAIG, US
[73] FIRST SUBSEA LIMITED, GB
[73] CANRIG DRILLING TECHNOLOGY
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[85] 2013-06-25
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APPARATUS**
[54] **MACHINE D'EMBALLAGE DE
MEDICAMENT**
[72] OMURA, YOSHIIHITO, JP
[72] OHGAYA, SYUNJI, JP
[73] TOSHO, INC., JP
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[51] **Int.Cl. A01K 61/10 (2017.01) B63B
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[54] **PARC A POISSONS A ESPAR
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[72] MADSEN, TODD L., US
[72] GREGG, TIMOTHY J., US
[72] GACE, LANGLEY R., US
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[25] EN
[54] **STATIC TAINTING ANASYSTEM
AND METHOD FOR TAINT
ANALYSIS OF COMPUTER
PROGRAM CODELYSIS**
[54] **SYSTEME D'ANALYSE
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METHODE D'ANALYSE
D'ALTERATION DE CODE DE
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[72] SCOTT, ROGER II., US
[72] CHOU, ANDY C., US
[73] SYNOPSIS, INC., US
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[30] US (13/570,024) 2012-08-08

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[25] EN
[54] **COLLECTOR NET AND BRACKET
FOR A POOL FILTER**
[54] **FILET COLLECTEUR ET
SUPPORT POUR UN FILTRE DE
PISCINE**
[72] ADAM, DANIEL, CA
[73] ADAM, DANIEL, CA
[86] (2823725)
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[25] EN
[54] **FIREARM AND FIREARM
SYSTEM**
[54] **ARME A FEU ET SYSTEME
D'ARME A FEU**
[72] AALTO, JUHA, FI
[73] SAKO OY, FI
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[25] EN

[54] **DRIVER SELECTABLE LOW SPEED MODE FOR DISABLING STOP/START TECHNOLOGY**

[54] **MODE DE VITESSE LENTE REGLABLE PAR LE CONDUCTEUR POUR DESACTIVER LA TECHNOLOGIE STOP/START**

[72] BEECHIE, BRIAN E., US

[72] MUELLER, JOHN D., US

[72] ORZECOWSKI, JEFFREY M., US

[72] VARMA, ANURAG PETER, US

[73] CHRYSLER GROUP LLC, US

[85] 2013-07-09

[86] 2012-03-07 (PCT/US2012/028042)

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[30] US (13/042,504) 2011-03-08

[11] 2,825,537
[13] C

[51] **Int.Cl. H02J 3/18 (2006.01)**

[25] EN

[54] **ON - LOAD TAP CHANGER CONTROL METHOD FOR A POWER EXCITATION CHAIN, RELATED UNIT AND POWER EXCITATION CHAIN COMPRISING SUCH UNIT**

[54] **PROCEDE DE COMMANDE D'UN CHANGEUR DE PRISES EN CHARGE POUR UNE CHAINE D'EXCITATION DE PUISSANCE, UNITE ASSOCIEE ET CHAINE D'EXCITATION DE PUISSANCE COMPRENANT UNE TELLE UNITE**

[72] MEINECKE, CARSTEN, DE

[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH

[85] 2013-07-24

[86] 2012-01-13 (PCT/EP2012/050475)

[87] (WO2012/104127)

[30] EP (11152801.4) 2011-01-31

[11] 2,825,575
[13] C

[51] **Int.Cl. C08G 65/48 (2006.01) C08G 16/04 (2006.01)**

[25] EN

[54] **A PROCESS FOR PRODUCING POLYCONDENSATION PRODUCT**

[54] **PROCEDE POUR PRODUIRE UN PRODUIT DE POLYCONDENSATION**

[72] CHEN, LIYI, CN

[72] KLUEGGE, JAN, CN

[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE

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[87] (WO2012/100417)

[11] 2,826,954
[13] C

[51] **Int.Cl. G01W 1/00 (2006.01) G01N 1/22 (2006.01)**

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[54] **INTEGRATIVE DATA APPLICATION IN DETERMINATION OF PASSIVE SAMPLING RATES**

[54] **APPLICATION DE DONNEES INTEGRATIVES PERMETTANT LA DETERMINATION DES FREQUENCES D'ECHANTILLONNAGE PASSIVES**

[72] TANG, HONGMAO IL, CA

[73] TANG, HONGMAO IL, CA

[86] (2826954)

[87] (2826954)

[22] 2013-09-16

[11] 2,828,278
[13] C

[51] **Int.Cl. F02C 3/34 (2006.01) F02C 1/08 (2006.01)**

[25] EN

[54] **LOW EMISSION POWER GENERATION SYSTEMS AND METHODS INCORPORATING CARBON DIOXIDE SEPARATION**

[54] **SYSTEMES ET PROCEDES DE PRODUCTION D'ELECTRICITE A FAIBLES EMISSIONS INCLUANT LA SEPARATION DU DIOXYDE DE CARBONE**

[72] MITTRICKER, FRANKLIN F., US

[72] HUNTINGTON, RICHARD A., US

[72] OELFKE, RUSSEL L., US

[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US

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[30] US (61/466,381) 2011-03-22

[30] US (61/542,041) 2011-09-30

[30] US (61/542,035) 2011-09-30

[30] US (61/542,031) 2011-09-30

[30] US (61/542,030) 2011-09-30

[11] 2,828,463
[13] C

[51] **Int.Cl. H04N 21/41 (2011.01) H04N 21/434 (2011.01) H04N 21/462 (2011.01) H04N 21/4722 (2011.01) H04N 21/858 (2011.01) G06F 17/30 (2006.01) G06K 19/06 (2006.01)**

[25] EN

[54] **SYNCHING ONE OR MORE MATRIX CODES TO CONTENT RELATED TO A MULTIMEDIA PRESENTATION**

[54] **SYNCHRONISATION D'UN OU PLUSIEURS CODES MATRICIELS SUR CONTENU RELATIF A UNE PRESENTATION MULTIMEDIA**

[72] GRATTON, MAX STEPHEN, US

[72] KENNEDY, JOHN T., US

[72] BEALS, WILLIAM MICHAEL, US

[72] GERHARDS, KETTL, US

[73] ECHOSTAR TECHNOLOGIES L.L.C., US

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[25] EN
[54] **ROD WINDING STRUCTURE IN COMPOSITE DESIGN**
[54] **STRUCTURE DE BARRES A ENROULEMENTS DE CONSTRUCTION COMPOSITE**
[72] BUCHLER, DIRK, DE
[73] BALTICO GMBH, DE
[85] 2013-08-28
[86] 2011-07-29 (PCT/EP2011/063080)
[87] (WO2012/013770)
[30] DE (10 2010 038 719.3) 2010-07-30

[11] 2,829,515
[13] C

[51] Int.Cl. C12Q 1/02 (2006.01) C12N 15/09 (2006.01)
[25] EN
[54] **METHOD FOR SCREENING FOR COMPOUND CAPABLE OF ENHANCING OR INHIBITING OATPIBI TRANSPORT ACTIVITY, AND METHOD FOR DETERMINING EXPRESSION LEVEL OF OATPIBI**
[54] **PROCEDE DE CRIBLAGE D'UN COMPOSE CAPABLE D'AMELIORER OU D'INHIBER L'ACTIVITE DU TRANSPORTEUR OATPIBI ET PROCEDE DE DETERMINATION DU NIVEAU D'EXPRESSION DU TRANSPORTEUR OATPIBI**
[72] IZUMI, SAKI, JP
[72] KOMORI, TAKAFUMI, JP
[72] NOZAKI, YOSHITANE, JP
[73] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2013-09-09
[86] 2012-03-06 (PCT/JP2012/055719)
[87] (WO2012/121261)
[30] JP (2011-053270) 2011-03-10

[11] 2,829,599
[13] C

[51] Int.Cl. E01C 3/00 (2006.01) A01G 9/00 (2006.01) E01C 11/24 (2006.01)
[25] EN
[54] **INTEGRATED TREE ROOT AND STORM WATER SYSTEM**
[54] **SYSTEME D'EAU PLUVIALE ET DE RACINE D'ARBRE INTEGRE**
[72] URBAN, JAMES, US
[72] KEY, ALBERT L., US
[72] RAY, CHARLES JULIAN, US
[72] RAY, CHARLES GRAHAM, US
[72] JAMES, MICHAEL, CA
[73] DEEPROOT GREEN INFRASTRUCTURE, LLC, US
[86] (2829599)
[87] (2829599)
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[30] US (10/759,493) 2004-01-15

[11] 2,831,487
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[25] EN
[54] **USE OF N-METHYL-2-[2-(2,5-DIMETHYLPHENOXY)METHYL]PHENYL-2-METHOXYACETAMIDE FOR PROMOTING PLANT GROWTH**
[54] **UTILISATION DE N-METHYL-2-[2-(2,5-DIMETHYLPHENOXY)METHYL]PHENYL-2-METHOXYACETAMIDE POUR LA PROMOTION DE LA CROISSANCE DE VEGETAUX**
[72] MATSUSHIMA, YUTAKA, JP
[72] TAMAKI, HIROAKI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2013-09-25
[86] 2012-03-28 (PCT/JP2012/059121)
[87] (WO2012/133907)
[30] JP (2011-074570) 2011-03-30

[11] 2,832,597
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[51] Int.Cl. F21V 13/04 (2006.01) B64F 1/20 (2006.01) F21V 15/01 (2006.01) F21V 21/00 (2006.01) G08G 5/04 (2006.01) F21K 9/00 (2016.01)
[25] EN
[54] **HIGH INTENSITY WARNING LIGHT WITH REFLECTOR AND LIGHT-EMITTING DIODES**
[54] **LUMIERE D'ALARME DE FORTE INTENSITE AVEC REFLECTEUR ET DIODES ELECTROLUMINESCENTES**
[72] PECK, JOHN PATRICK, US
[72] ACACIA, SAM, US
[73] DIALIGHT CORPORATION, US
[85] 2013-10-07
[86] 2012-04-06 (PCT/US2012/032575)
[87] (WO2012/139032)
[30] US (61/473,509) 2011-04-08
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[11] 2,832,637
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[25] EN
[54] **HYPERPIGMENTED TONER**
[54] **ENCRE SECHE HYPERPIGMENTEE**
[72] VEREGIN, RICHARD P. N., CA
[72] VANBESSEN, DARYL W., CA
[72] YANG, SUXIA, CA
[72] KAMEL, MAJID, CA
[72] VONG, CUONG, CA
[73] XEROX CORPORATION, US
[86] (2832637)
[87] (2832637)
[22] 2013-11-12
[30] US (13/686965) 2012-11-28

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[51] Int.Cl. G06F 17/00 (2006.01) G06F 9/44 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR AUTOMATIC WRAPPER INDUCTION BY APPLYING FILTERS
[54] SYSTEME ET PROCEDE POUR INDUCTION DES MARQUES DE BORNAGE AUTOMATIQUE EN APPLIQUANT DES FILTRES
[72] PAVAN KUMAR MALLAPRAGADA NAGA SURYA, SIVA KALYANA, US
[73] HOME DEPOT INTERNATIONAL, INC., US
[86] (2833355)
[87] (2833355)
[22] 2013-11-14
[30] US (61/726,155) 2012-11-14
[30] US (13/837,644) 2013-03-15

[11] 2,833,791
[13] C
[51] Int.Cl. H01M 8/0267 (2016.01) H01M 8/04014 (2016.01) H01M 8/04119 (2016.01) H01M 8/2475 (2016.01)
[25] EN
[54] HYDROGEN FUEL CELL AND SYSTEM THEREOF, AND METHOD FOR DYNAMIC VARIABLE HUMIDITY CONTROL
[54] PILE A COMBUSTIBLE A HYDROGENE ET SON SYSTEME, ET PROCEDE POUR REGULATION D'HUMIDITE VARIABLE DYNAMIQUE
[72] LI, TIELIU, CN
[73] LI, TIELIU, CN
[85] 2013-10-21
[86] 2012-03-08 (PCT/CN2012/072086)
[87] (WO2012/142881)
[30] CN (201110100207.2) 2011-04-21

[11] 2,833,997
[13] C
[51] Int.Cl. A61K 33/00 (2006.01) A61J 3/00 (2006.01) A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61N 1/30 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR NITRIC OXIDE GENERATION
[54] METHODE ET APPAREIL DE PRODUCTION D'OXYDE NITRIQUE
[72] FINE, DAVID H., US
[72] MACDONALD, STEPHEN J., US
[72] ROUNBEHLER, DAVID, US
[72] WHEELER, DAVID, US
[72] ROLFE, JONATHAN L., US
[72] JARVIS, GEORGE, US
[73] GENO LLC, US
[86] (2833997)
[87] (2833997)
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[30] US (60/316,964) 2001-09-05

[11] 2,834,080
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[51] Int.Cl. H04B 7/06 (2006.01)
[25] EN
[54] METHODS AND SYSTEMS OF WIRELESS COMMUNICATION WITH REMOTE RADIO HEADS
[54] PROCEDES ET SYSTEMES DE COMMUNICATION SANS FIL AU MOYEN DE TETES RADIO DEPORTEES ("REMOTE RADIO HEADS")
[72] GAO, SHIWEI, CA
[72] XU, HUA, CA
[72] GUO, SHIGUANG, CA
[72] SMITH, JACK ANTHONY, US
[72] JIA, YONGKANG, CA
[72] EBRAHIMI TAZEHI MAHALLEH, MASOUD, CA
[72] YU, DONGSHENG, CA
[72] HARRISON, ROBERT MARK, US
[73] BLACKBERRY LIMITED, CA
[85] 2013-10-23
[86] 2012-04-20 (PCT/US2012/034514)
[87] (WO2012/151063)
[30] US (13/099,104) 2011-05-02

[11] 2,835,898
[13] C
[51] Int.Cl. F24F 13/20 (2006.01) F24F 13/02 (2006.01) F24F 13/30 (2006.01) F25B 39/02 (2006.01)
[25] EN
[54] ADJUSTABLE TRANSITION FOR BOX EVAPORATOR COILS
[54] TRANSITION REGLABLE POUR BOBINES D'EVAPORATEUR A BOITIER
[72] SANTINI, CLAUDIO, US
[72] RAISSIS, NICHOLAS, US
[73] SANTINI, CLAUDIO, US
[73] RAISSIS, NICHOLAS, US
[86] (2835898)
[87] (2835898)
[22] 2013-12-04
[30] US (14/034,861) 2013-09-24

[11] 2,836,552
[13] C
[51] Int.Cl. B61G 3/04 (2006.01)
[25] EN
[54] RAILCAR COUPLER KNUCKLE CORES WITH REAR CORE SUPPORT
[54] NOYAUX D'ARTICULATION D'ORGANE D'ACCOUPLEMENT DE WAGON A SUPPORT DE NOYAU ARRIERE
[72] NIBOUAR, F. ANDREW, US
[72] SMERECKY, JERRY R., US
[72] DAY, KELLY, US
[72] MAKARY, VAUGHN, US
[72] SALAMASICK, NICK, US
[73] BEDLOE INDUSTRIES LLC, US
[85] 2013-11-18
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[13] C

[51] Int.Cl. A61K 8/49 (2006.01) A61K 8/66 (2006.01) A61K 31/4745 (2006.01) A61K 38/44 (2006.01) A61K 47/00 (2006.01) A61P 17/00 (2006.01) A61Q 19/08 (2006.01)

[25] EN

[54] SKIN TREATMENTS CONTAINING PYRROLOQUINOLINE QUINONE (PQQ) ESTERS AND METHODS OF PREPARATION AND USE THEREOF

[54] TRAITEMENTS DE LA PEAU CONTENANT DES ESTERS DE PYRROLOQUINOLEINE QUINONE (PQQ) ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION

[72] LEWIS, JOSEPH ABERNATHY, US
[72] DINARDO, JOSEPH C., US
[72] THOMPSON, ANDREW S., US
[72] LAMBERSON, CAROL RENEE, US
[73] PCR TECHNOLOGY HOLDINGS, L.C., US

[85] 2013-12-02
[86] 2012-06-05 (PCT/US2012/040834)
[87] (WO2012/170378)
[30] US (61/493,565) 2011-06-06

[11] 2,840,005
[13] C

[51] Int.Cl. B32B 5/18 (2006.01) B32B 21/00 (2006.01) E04C 2/00 (2006.01) E04F 13/00 (2006.01)

[25] EN

[54] METHOD FOR PRODUCING A PANEL SANDWICH

[54] PROCEDE DE FABRICATION D'UN PANNEAU SANDWICH

[72] BRAUN, ROGER, CH
[73] FLOORING TECHNOLOGIES LTD., MT

[85] 2013-12-19
[86] 2012-06-20 (PCT/EP2012/061845)
[87] (WO2013/000791)
[30] EP (11171652.8) 2011-06-28

[11] 2,840,188
[13] C

[51] Int.Cl. A61F 13/15 (2006.01) A61F 13/49 (2006.01)

[25] EN

[54] ABSORBENT ARTICLE WITH A WAISTBAND HAVING CONSOLIDATION

[54] ARTICLE ABSORBANT MUNI D'UNE CEINTURE MONTEE PRESENTANT UNE CONSOLIDATION

[72] LAWSON, KATHLEEN MARIE, US
[72] RAYCHECK, JEROMY THOMAS, US
[72] KIGER, CHRISTOPHER ERIN, US
[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2013-12-20
[86] 2012-06-07 (PCT/US2012/041217)
[87] (WO2012/177401)
[30] US (61/499,294) 2011-06-21

[11] 2,840,481
[13] C

[51] Int.Cl. H04N 19/61 (2014.01) H04N 19/13 (2014.01) H04N 19/91 (2014.01)

[25] EN

[54] METHOD AND APPARATUS FOR CODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO ACCOMPANIED WITH ARITHMETIC CODING

[54] METHODE ET APPAREIL DE CODAGE DE VIDEO ET METHODE ET APPAREIL DE DECODAGE DE VIDEO ACCOMPAGNE DE CODAGE ARITHMETIQUE

[72] KIM, IL-KOO, KR
[72] SEREGIN, VADIM, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2013-12-24
[86] 2012-06-27 (PCT/KR2012/005087)
[87] (WO2013/002555)
[30] US (61/502,038) 2011-06-28

[11] 2,840,483
[13] C

[51] Int.Cl. H04N 19/61 (2014.01) H04N 19/52 (2014.01) H04N 19/593 (2014.01)

[25] EN

[54] ENCODING AND DECODING VIDEO BY PROVIDING A PREDETERMINED MINIMUM AMOUNT OF MOTION INFORMATION FROM SPATIAL AND TEMPORAL PREDICTION UNITS

[54] CODAGE ET DECODAGE VIDEO MENES EN FOURNISSANT UNE QUANTITE MINIMALE PREDETERMINEE DE DONNEES DE MOUVEMENT PROVENANT D'UNITES DE PREDICTION SPATIALE ET TEMPORELLE

[72] LEE, TAMMY, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2013-12-24
[86] 2012-06-27 (PCT/KR2012/005091)
[87] (WO2013/002557)
[30] US (61/501,300) 2011-06-27

[11] 2,840,507
[13] C

[51] Int.Cl. H04W 36/00 (2009.01)

[25] EN

[54] METHOD, APPARATUS AND SYSTEM FOR PROCESSING SWITCHING OF CONTROL RIGHT OF BASE STATION

[54] PROCEDE, APPAREIL ET SYSTEME DE TRAITEMENT DE COMMUTATION DE DROIT DE COMMANDE DE STATION DE BASE

[72] WANG, CHUNSHENG, CN
[72] YUE, GUOJUN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN

[85] 2013-12-27
[86] 2011-06-30 (PCT/CN2011/076706)
[87] (WO2012/103733)

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[25] EN

[54] **SYSTEM AND METHOD FOR WOUND HEALING**

[54] **SYSTEME ET PROCEDE POUR CICATRISATION DE PLAIE**

[72] PAPAY, FRANCIS A., US

[72] CHEN, JI-FENG, US

[72] GAO, SHENGQIANG, US

[73] THE CLEVELAND CLINIC FOUNDATION, US

[85] 2014-01-07

[86] 2012-07-06 (PCT/US2012/045743)

[87] (WO2013/009614)

[30] US (61/505,586) 2011-07-08

[11] 2,842,459
[13] C

[51] **Int.Cl. A61F 13/42 (2006.01)**

[25] EN

[54] **WETNESS SENSORS, WETNESS MONITORING SYSTEM, AND RELATED METHODS**

[54] **CAPTEURS D'HUMIDITE, SYSTEME DE SURVEILLANCE D'HUMIDITE ET PROCEDES ASSOCIES**

[72] EULIANO, NEIL, US

[72] FLORES, GLEN, US

[72] YACHABACH, JERRY, US

[72] BUFFKIN, ERIC, US

[73] EFFECT, INC., US

[85] 2014-01-20

[86] 2012-07-20 (PCT/US2012/047712)

[87] (WO2013/013197)

[30] US (61/509,774) 2011-07-20

[30] US (61/512,071) 2011-07-27

[11] 2,842,608
[13] C

[51] **Int.Cl. G01N 21/59 (2006.01) G01F 23/292 (2006.01) G01N 35/02 (2006.01) G01N 35/10 (2006.01)**

[25] EN

[54] **APPARATUS FOR DETERMINING A VERTICAL POSITION OF AT LEAST ONE INTERFACE BETWEEN A FIRST COMPONENT AND AT LEAST ONE SECOND COMPONENT AND LABORATORY AUTOMATION SYSTEM**

[54] **APPAREIL SERVANT A DETERMINER UNE POSITION VERTICALE D'AU MOINS UNE INTERFACE ENTRE UNE PREMIERE COMPOSANTE ET AU MOINS UNE DEUXIEME COMPOSANTE ET SYSTEME D'AUTOMATISATION DE LABORATOIRE**

[72] KLINEC, DARKO, DE

[72] KOHLER, MICHAEL, DE

[73] F. HOFFMANN-LA ROCHE AG, CH

[86] (2842608)

[87] (2842608)

[22] 2014-02-11

[30] EP (13156227.4) 2013-02-21

[11] 2,843,148
[13] C

[51] **Int.Cl. A61F 13/84 (2006.01) A61F 13/02 (2006.01) A61F 13/15 (2006.01) A61F 13/56 (2006.01)**

[25] EN

[54] **METHODS, DEVICES, AND SYSTEMS FOR PROVIDING INCREASED ACCESS TO FIRST AID SUPPLIES**

[54] **PROCEDES, DISPOSITIFS ET SYSTEMES PERMETTANT DE FOURNIR UN MEILLEUR ACCES AUX FOURNITURES DE PREMIERS SOINS**

[72] HOLSTEIN, MICHAEL, US

[73] TENDER CORPORATION, US

[85] 2013-10-09

[86] 2012-05-11 (PCT/US2012/037659)

[87] (WO2012/158569)

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[11] 2,843,237
[13] C

[51] **Int.Cl. H04W 72/04 (2009.01)**

[25] EN

[54] **METHODS AND APPARATUSES FOR RECEIVING AND SENDING CONTROL CHANNEL**

[54] **PROCEDE ET DISPOSITIF D'ENVOI ET DE RECEPTION DE CANAL DE COMMANDE**

[72] LIU, KUNPENG, CN

[72] LIU, JIANGHUA, CN

[73] HUAWEI TECHNOLOGIES CO., LTD., CN

[85] 2014-01-27

[86] 2012-07-28 (PCT/CN2012/079316)

[87] (WO2013/013643)

[30] CN (201110213895.3) 2011-07-28

[11] 2,843,300
[13] C

[51] **Int.Cl. A41B 9/08 (2006.01) A41D 13/015 (2006.01) A41D 13/06 (2006.01) A63B 71/12 (2006.01)**

[25] EN

[54] **UNDERGARMENT FOR USE BY A HOCKEY PLAYER**

[54] **SOUS-VETEMENT DESTINE A UN JOUEUR DE HOCKEY**

[72] RUDOW, EMILY, CA

[73] RUDOW, EMILY, CA

[86] (2843300)

[87] (2843300)

[22] 2014-02-18

[11] 2,843,408
[13] C

[51] **Int.Cl. H04W 48/16 (2009.01) H04B 7/26 (2006.01) H04J 11/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR SIGNALING IN A HETEROGENEOUS NETWORK**

[54] **PROCEDE ET SYSTEME DE SIGNALISATION DANS UN RESEAU HETEROGENE**

[72] BLANKENSHIP, YUFEI WU, US

[72] SONG, YI, US

[72] HEO, YOUNG YOUNG, CA

[72] YU, YI, US

[72] BONTU, CHANDRA, CA

[72] CAI, ZHIJUN, US

[73] BLACKBERRY LIMITED, CA

[85] 2014-01-28

[86] 2012-05-24 (PCT/US2012/039316)

[87] (WO2013/022512)

[30] US (61/522,395) 2011-08-11

[30] US (13/408,411) 2012-02-29

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[13] C

[51] Int.Cl. B60N 2/28 (2006.01) B60N 2/44 (2006.01)
[25] EN
[54] **CHILD SAFETY SEAT**
[54] **SIEGE DE SECURITE POUR ENFANT**
[72] HAAS, MARTIN, DE
[72] HENSELER, RICHARD, DE
[72] GROHSPIETSCH, MICHAEL, DE
[72] BLUM, MICHAEL, DE
[73] BRITAX ROMER
KINDERSICHERHEIT GMBH, DE
[86] (2843729)
[87] (2843729)
[22] 2014-02-21
[30] EP (13001256.0) 2013-03-13

[11] 2,844,969
[13] C

[51] Int.Cl. A47G 9/02 (2006.01)
[25] EN
[54] **BED COVER**
[54] **EDREDON**
[72] DE LA PLACE, MICHAEL PAUL, CA
[73] ST. GENEVE FINE BEDLINENS
LTD., CA
[86] (2844969)
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[73] HOME DEPOT INTERNATIONAL, INC., US
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[54] **METHODE ET PROCEDE DE DETERMINATION DE DIRECTION D'UN VEHICULE EMPLOYANT UN ACCELEROMETRE A POSITION AJUSTABLE**
[72] BRAUN, BRADLEY KENNETH, CA
[73] TRAPEZE SOFTWARE ULC, CA
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[54] **PROCEDE POUR LA SURVEILLANCE D'AU MOINS UNE MACHINE-OUTIL**
[72] ZUCKSCHWERDT, JOHANNES, DE
[72] SIEGEL, PETER, DE
[72] TANNEBERGER, ANDREAS, DE
[73] SCHWABISCHE WERKZEUGMASCHINEN GMBH, DE
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[72] LIU, YU, CA
[72] LEE, FRANK PING HAY, CA
[72] ZHOU, KE, CA
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[54] **UTILISATION DE MULTIPLES SEQUENCES AMPLIFIANT LA TRANSFORMATION POUR AMELIORER L'EFFICACITE DE TRANSFORMATION DES PLANTES**
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[72] BAILES, THOMAS, US

[72] DEVILLE, DEREK, US

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[73] NTT DOCOMO, INC., JP

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[54] **METHODE ET APPAREIL DE DEPOT DE BETON SUR FACE AVANT A MOULAGE A SEC**

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[73] PAVESTONE, LLC, US

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[72] PALLI, SUBBA REDDY, US

[72] KUMAR, MOHAN BASAVARAJU, US

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[72] BROWN, JAMES S., III, US

[72] LIETA, DANIEL P., US

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[54] **METHODES ET EQUIPEMENT DE RECONSTRUCTION COMPLETE DE LA BOUCHE**

[72] CHIOU, WEN-HSIN, TW

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[54] **AGENCEMENT, SUPPORT EN FORME DE BOUCLE, VALVULE CARDIAQUE PROTHETIQUE ET PROCEDE DE REPARATION OU DE REMPLACEMENT D'UNE VALVULE CARDIAQUE NATIVE**

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[72] KAGEYAMA, SHUNSUKE, JP
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[54] **CHAUFFAGE, CUISSON ET DISTRIBUTION ACCELERES INCORPORANT UN FOUR A ENERGIE EMMAGASINEE DANS UN APPAREIL MOBILE**
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[72] MCINNIS, MICHAEL D., US
[73] THE BOEING COMPANY, US
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[72] UNDIHEIM, EIVEN, NO
[73] MAGSEIS AS, NO
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[72] PATEL, MAHESH VITHALBHAI, IN
[73] WOCKHARDT LIMITED, IN
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[72] POSTL, FRIEDRICH, AT
[73] HUYCK LICENSCO, INC., US
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[72] XU, HAN, US
[72] FERRER, JOHN, US
[72] DEBEER, ANTONIUS LAMBERTUS, US
[72] MECL, ZDENEK, CZ
[72] KUMMER, JIRI, CZ
[72] KLASKA, FRANTISEK, CZ
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[72] KOHUT, JAROSLAV, CZ
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **PROCEDE ET DISPOSITIF DE SIMULATION ET DE COMMANDE COMBINEES DE VEHICULES TELECOMMANDES**
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[72] SCHMIDT, HOLGER, DE
[73] GRENZEBACH MASCHINENBAU GMBH, DE
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[54] **METHOD AND DEVICE FOR DRUG DELIVERY**
[54] **PROCEDE ET DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] PESACH, BENNY, IL
[72] BITTON, GABRIEL, IL
[72] WEISS, RAM, IL
[72] NAGAR, RON, IL
[73] INSULINE MEDICAL LTD., US
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[54] **SYSTEME MODULAIRE DE COMMANDE DE FREIN ET DE GOUVERNE DE DIRECTION AU-DESSUS DU PLANCHER**
[72] CARNER, FRED, US
[72] SALAMAT, BIJAN, US
[73] MASON ELECTRIC CO., US
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[86] 2013-11-11 (PCT/US2013/069509)
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[54] **METHOD AND APPARATUS FOR UPLOADING DATA**
[54] **PROCEDE ET APPAREIL PERMETTANT DE TELECHARGER DES DONNEES VERS L'AMONT**
[72] TINE, STEVEN D., US
[72] CROLEY, CURT D., US
[72] DOUROS, KENNETH W., US
[72] JANSSEN, CRAIG A., US
[72] MILLER, LESTER J., US
[72] MONKS, DEBORAH J., US
[72] NOWLAN, STEVEN J., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **MACHINE A LAVER ET DISPOSITIF D'ALIMENTATION EN EAU DE LAVAGE**
[72] KIM, MIN HYUNG, KR
[72] KIM, HYUN MOOK, KR
[72] WON, YONG KWON, KR
[72] SUZUKI, MASATO, KR
[72] SHIGERU, MITSUHIRO, KR
[72] SHIN, YOUNG SUN, KR
[72] JUNG, GOAN SU, KR
[72] AMTOJ, SINGH, KR
[72] KIM, GYU WOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[25] EN
[54] **MANHOLE LIGHTING SYSTEM**
[54] **DISPOSITIF D'ECLAIRAGE DE TROU D'HOMME**
[72] JACOBSON, SHANE, US
[72] GROSS, GAVIN RANDALL, US
[72] LEWIS, PAUL KENNETH, US
[73] JACOBSON, SHANE, US
[86] (2892456)
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[54] **DOWNHOLE PULSE GENERATING DEVICE FOR THROUGH-BORE OPERATIONS**

[54] **DISPOSITIF DE GENERATION D'IMPULSIONS DE FOND DE TROU POUR OPERATIONS DE SONDAGE TRAVERSANT**

[72] GILLEYLEN, RUSSELL, US

[72] GHANSYAM, HARESH, US

[72] STREATER, JAMES R., JR., US

[72] SETLUR, DEEPTHI, US

[72] KITCHING, ALAN H., US

[72] WAAS, SHIRAN, US

[72] GILBERTSON, MURRAY, ZA

[73] NATIONAL OILWELL VARCO, L.P., US

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[54] **ABSORBENT ARTICLES WITH CHANNELS**

[54] **ARTICLES ABSORBANTS A CANAUX**

[72] ROE, DONALD CARROLL, US

[72] KREUZER, CARSTEN HEINRICH, DE

[72] ROSATI, RODRIGO, DE

[72] WCIORKA, MAJA, DE

[73] THE PROCTOR & GAMBLE COMPANY, US

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[54] **ABSORBENT ARTICLES WITH CHANNELS AND/OR POCKETS**

[54] **ARTICLES ABSORBANTS AVEC DES POCHES**

[72] ROE, DONALD CARROLL, US

[72] KREUZER, CARSTEN HEINRICH, DE

[72] WCIORKA, MAJA, DE

[73] THE PROCTOR & GAMBLE COMPANY, US

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[25] EN

[54] **FUEL CELL WITH PLATE-LIKE MEMBER**

[54] **PILE A COMBUSTIBLE COMPORTANT UN ELEMENT DE TYPE PLAQUE**

[72] NAKAJIMA, MASATO, JP

[72] KUMEI, HIDEYUKI, JP

[72] SATOU, HIROMICHI, JP

[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[85] 2015-06-10

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[54] **ELECTRIC BICYCLE AND PROPULSION SYSTEM THEREFOR**

[54] **BICYCLETTE ELECTRIQUE ET SYSTEME DE PROPULSION DE CELLE-CI**

[72] LAPRADE, PAUL, CA

[73] PROPULSION POWERCYCLE INC., CA

[86] (2894856)

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[54] **ARBRE A PRISE DE TERRE DE SECURITE**

[72] MCRAE, MICHAEL M., US

[73] NCP CORPORATION, US

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[54] **METHOD AND APPARATUS FOR MULTIMEDIA BROADCAST MULTICAST SERVICE COVERAGE BOOST**

[54] **PROCEDE ET APPAREIL POUR UNE AMPLIFICATION DE COUVERTURE DE SERVICE DE DIFFUSION GENERALE/DIFFUSION GROUPEE DE CONTENUS MULTIMEDIAS**

[72] KORUS, MICHAEL F., US

[72] DROZT, PETER M., US

[73] MOTOROLA SOLUTIONS, INC., US

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[54] **HIGH PRECISION LIQUID DISPENSER**

[54] **DISTRIBUTEUR DE LIQUIDE HAUTE PRECISION**

[72] COLE, DEREK, CA

[72] ERMAN, PAUL GREGORY, CA

[72] MACLEAN, IAN, CA

[73] A.C. DISPENSING EQUIPMENT INC., CA

[86] (2895730)

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[54] **COMPOSITIONS HYDROPHOBANTES COMPORTANT UN HYDROXYDE SERVANT A FABRIQUER DES PANNEAUX DE GYPSE RESISTANT A L'EAU**

[72] TILFORD, ROBERT WILLIAM, US

[73] GEORGIA-PACIFIC GYPSUM LLC, US

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[54] **SYSTEME ET PROCEDE DE CONVERSION DE DONNEES**

[72] LINDEMANN, STIG, DK

[72] NIELSEN, MAD S KOLDING, DK

[73] MICRO MOTION, INC., US

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[54] **PROCEDE ET APPAREIL PERMETTANT DE POSER ET DE DEPOSER UN REDUCTEUR DE DEBIT D'UN DISPOSITIF DE MESURE DE PRESSION DIFFERENTIELLE**

[72] CLARK, DEROLD, CA

[73] CLARK, DEROLD, CA

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[54] **A METHOD AND APPARATUS FOR QUANTITATIVE MEASUREMENT OF SURFACE ACCURACY OF AN AREA**

[54] **PROCEDE ET APPAREIL DE MESURE QUANTITATIVE DE LA PRECISION DE SURFACE D'UNE ZONE**

[72] BAATH, LARS, SE

[73] QSO INTERFEROMETER SYSTEMS AB, SE

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[54] **JOINT A TUBE POUR FOUR A PYROLYSE**

[72] SPICER, DAVID B., US

[72] PENNEY, CHRISTOPHER C., US

[73] EXXONMOBIL CHEMICAL PATENTS INC., US

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[54] **METHOD FOR GENERATING IMAGE**

[54] **PROCEDE POUR GENERER UNE IMAGE**

[72] LIU, DEJONG, US

[72] BOUFONOS, PETROS, US

[73] MITSUBISHI ELECTRIC CORPORATION, JP

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[54] **MIGRATION DE MACHINE VIRTUELLE SECURISEE**

[72] BRANDWINE, ERIC JASON, US

[72] WILSON, MATTHEW SHAWN, US

[73] AMAZON TECHNOLOGIES, INC., US

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[72] SUTTON, JOHN K., US
[72] HORTON, MICHAEL D., US
[72] ROGERS, SHAWN, US
[72] TATE, JOHN AUSTIN, IV, US
[72] KAPROTH, JEROME, US
[72] POPIELA, CHRISTOPHER ALLEN, US
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[54] CHARNIERE SANS JEU POUR UNE POUSSETTE
[72] STRAUSS, RALF, US
[73] BRITAX CHILD SAFETY, INC., US
[86] (2900207)
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[54] LANGUETTE D'OUVERTURE D'ACCES FACILE POUR UNE FERMETURE D'EXTREMITE DE RECIPIENT
[72] CHASTEEN, HOWARD C., US
[72] JACOBIE, MARK A., US
[73] BALL CORPORATION, US
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[25] EN
[54] AUTOMOTIVE MILLING MACHINE, AS WELL AS METHOD FOR DISCHARGING MILLED MATERIAL
[54] MACHINE D'USINAGE AUTOMOBILE, AINSI QU'UNE METHODE DE DECHARGEMENT DU MATERIAU USINE
[72] BERNING, CHRISTIAN, DE
[72] BARIMANI, CYRUS, DE
[72] HAEHN, GUENTER, DE
[73] WIRTGEN GMBH, DE
[86] (2901038)
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[54] SYSTEME A RAYONS X EFFICACE AU PLAN VOLUMETRIQUE
[72] DINSMORE, MARK T., US
[73] THERMO SCIENTIFIC PORTABLE ANALYTICAL INSTRUMENTS INC., US
[85] 2015-08-27
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[25] EN
[54] NUTRITIONAL COMPOSITIONS INCLUDING CALCIUM BETA-HYDROXY-BETA-METHYLBUTYRATE, CASEIN PHOSPHOPEPTIDE, AND PROTEIN
[54] COMPOSITIONS NUTRITIONNELLES COMPRENANT DU BETA-HYDROXY-BETA-METHYLBUTYRATE DE CALCIUM, UN PHOSPHOPEPTIDE DE CASEINE ET UNE PROTEINE
[72] WALTON, JOSEPH, US
[72] STEPP, EMILY, US
[73] ABBOTT LABORATORIES, US
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[54] **GROUND SLIDING TYPE FLEXIBLE FRAMING SYSTEM**

[54] **SYSTEME DE CADRAGE SOUPLE DE TYPE COULISSANT AU SOL**

[72] YANG, MENG, CN

[72] YAO, WEIBING, CN

[72] QIU, BANGCHAO, CN

[72] LI, JUNHUI, CN

[72] ZHANG, ZHILIN, CN

[72] HE, YI, CN

[73] GUANGZHOU MINO AUTOMOTIVE EQUIPMENT CO., LTD., CN

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[87] (2903850)

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[30] CN (201510202371.2) 2015-04-23

[30] CN (201510204993.9) 2015-04-27

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[54] **RF CONNECTOR WITH PUSH-ON CONNECTION**

[54] **CONNECTEUR RF A CONNEXION A POUSSER**

[72] ERIKOS, DAVID EUGENE, US

[72] LETTKEMAN, DAVID MICHAEL, US

[73] DISH NETWORK L.L.C., US

[85] 2015-09-04

[86] 2014-03-07 (PCT/US2014/021999)

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[54] **CONTAINER END CLOSURE WITH BUCKLE CONTROL FEATURE**

[54] **FERMETURE D'EXTREMITÉ DE RECIPIENT COMPRENANT ELEMENT DE COMMANDE DE FLAMBAGE**

[72] CHASTEN, HOWARD C., US

[72] JACOBBER, MARK A., US

[73] BALL CORPORATION, US

[85] 2015-09-08

[86] 2014-02-27 (PCT/US2014/018866)

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[54] **GAS TURBINE FACILITY**

[54] **INSTALLATION DE TURBINE A GAZ**

[72] IWAI, YASUNORI, JP

[72] NAKAMURA, YASUAKI, JP

[72] ITOH, MASAO, JP

[72] MORISAWA, YUICHI, JP

[73] KABUSHIKI KAISHA TOSHIBA, JP

[86] (2906503)

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[54] **HAND-TURNABLE WELDING CABLE CONNECTION**

[54] **CONNEXION DE CABLE DE SOUDAGE POUVANT ETRE TOURNEE A LA MAIN**

[72] BASIT, NAUMAN, US

[73] ILLINOIS TOOL WORKS INC., US

[85] 2015-09-15

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[54] **METHOD OF ENHANCING THE LATENT HYDRAULIC AND/OR POZZOLANIC REACTIVITY OF MATERIALS**

[54] **PROCEDE PERMETTANT D'AMELIORER LA REACTIVITE HYDRAULIQUE ET/OU POZZOLANIQUE LATENTE DES MATERIAUX**

[72] SCHMITT, DIRK, DE

[72] BEN HAHIA, MOISEN, DE

[72] ITUL, ANCA, DE

[72] ZAJAC, MACIEJ, DE

[72] SPENCER, NICOLAS, DE

[73] HEIDELBERGCEMENT AG, DE

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[54] **PROCEDE DE RECUPERATION D'OR A PARTIR DE MINERAL DE SULFURE**

[72] HATANO, KAZUHIRO, JP

[72] KATSUKAWA, KOJI, JP

[72] SANO, MASAKI, JP

[73] JX NIPPON MINING & METALS CORPORATION, JP

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[54] ACCESSOIRE DESTINE A UN DISPOSITIF MOBILE ET DISPOSITIF PERMETTANT DE MONTER UN DISPOSITIF MOBILE POSSEDANT CELUI-CI SUR UN VEHICULE
[72] JANG, JIN TAE, KR
[73] AAXX KOREA CO., LTD, KR
[85] 2015-10-06
[86] 2014-04-02 (PCT/KR2014/002857)
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[54] SCENT DIFFUSER, METHOD FOR MAKING A SCENT DIFFUSER AND METHOD FOR DIFFUSING A SCENT
[54] DIFFUSEUR DE PARFUM, METHODE DE FABRICATION D'UN DIFFUSEUR DE PARFUM ET METHODE DE DIFFUSION D'UN PARFUM
[72] DESGAGNE, LUC, CA
[72] GALARNEAU, HELENE, CA
[73] DESGAGNE, LUC, CA
[73] GALARNEAU, HELENE, CA
[86] (2909071)
[87] (2909071)
[22] 2015-10-07
[30] US (14/809,677) 2015-07-27

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[25] EN
[54] A FILTER HAVING AN AUTOMATIC CONTROL OF FLOW
[54] UN FILTRE OFFRANT UNE COMMANDE AUTOMATIQUE DE L'ECOLEMENT
[72] LIN, JACK, CN
[73] KEMFLO (NANJING) ENVIRONMENTAL TECHNOLOGY CO., LTD., CN
[73] KEMFLO INTERNATIONAL CO., LTD., TW
[73] LIN, CHING SHIUNG, TW
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[54] COLLIER POUR TUYAU SOUPLE
[72] MULLER, MANUEL, CH
[73] OETIKER SCHWEIZ AG, CH
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[54] PVC COMPOSITE MATERIAL, FOAM BOARD, PRODUCTION METHOD AND APPARATUS THEREOF, AND FLOORING
[54] MATERIAU COMPOSITE A BASE DE PVC, CARTON MOUSSE ET SON PROCEDE DE PRODUCTION, EQUIPEMENT ET PLANCHER
[72] FANG, QINGHUA, CN
[73] ZHEJIANG TIANZHEN BAMBOO & WOOD DEVELOPMENT CO. LTD., CN
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[25] EN
[54] PUMP USING MULTI VOLTAGE ELECTRONICS WITH RUN DRY AND OVER CURRENT PROTECTION
[54] POMPE UTILISANT DE L'ELECTRONIQUE A MULTIPLES TENSIONS AVEC PROTECTION CONTRE L'ASSECHEMENT ET LES SURINTENSITES
[72] PHILLIPS, DAVID L., US
[72] MEZA, HUMBERTO VALENZUELA, US
[72] TRAN, DERRICK T., US
[73] FLOW CONTROL LLC., US
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[54] FONTAINE ETAGEE
[72] FOSSIN, JENS, US
[72] LITTELL, JESSIE, US
[73] CUSTOM MOLDED PRODUCTS, LLC, US
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[54] CHAIR RECLINE MECHANISM COMPOSED OF DEFORMABLE MEMBERS
[54] MECANISME D'INCLINAISON D'UNE CHAISE COMPOSEE D'ELEMENTS DEFORMABLES
[72] PARKER, KENT WALLACE, NZ
[72] WILKINSON, PAUL MICHAEL, NZ
[72] STEWART, LYALL DOUGLAS, NZ
[72] NEAL, DARYL OWEN, NZ
[72] COLLINGS, MARTYN, NZ
[72] THURNEY, PETER, NZ
[72] BAUM, GREGORY WILLIAM, NZ
[72] MCNEILL, NOAH JUNIPER RAINBOW, NZ
[73] FORMWAY FURNITURE LIMITED, NZ
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[51] Int. Cl. H01M 8/0432 (2016.01) H01M 8/04537 (2016.01) H01M 8/04701 (2016.01) H01M 8/04992 (2016.01)
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[54] DISPOSITIF DE PILE A COMBUSTIBLE A REPOSE DE SORTIE AMELIOREE
[72] OKAMOTO, YOSHII, JP
[72] TANO, YUTAKA, JP
[72] NADA, MITSUHIRO, JP
[72] KANEKO, TOMOHIKO, JP
[73] TOYOTA JIKOSHIA KAHUSHIKI KAISHA, JP
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[87] (2911362)
[22] 2015-11-05
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[51] Int. Cl. B01D 53/50 (2006.01) B01D 53/00 (2006.01) B01D 53/18 (2006.01) B01D 53/56 (2006.01) B01D 53/62 (2006.01) B01D 53/64 (2006.01) B01D 53/68 (2006.01) B01D 53/77 (2006.01) B01D 53/26 (2006.01)
[25] EN
[54] DEVICE FOR REMOVING IMPURITIES FROM WATER-CONTAINING GAS AND IMPURITIES REMOVAL SYSTEM
[54] DISPOSITIF D'ELIMINATION D'IMPURETES DANS UN GAZ CONTENANT DE L'EAU ET SYSTEME D'ELIMINATION D'IMPURETES
[72] NAITO, TOSHIYUKI, JP
[73] IBI CORPORATION, JP
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[51] Int. Cl. D06F 39/02 (2006.01) A47L 15/44 (2006.01)
[25] EN
[54] POWDERED AND LIQUID CHEMICAL DISPENSING AND DISTRIBUTION SYSTEM
[54] SYSTEME DE DISTRIBUTION ET DE REPARTITION DE PRODUITS CHIMIQUES PULVERULENTS ET LIQUIDES
[72] LIVINGSTON, JAMES W., US
[72] STED, MICHAEL A., US
[72] ALLIART, SCOTT D. F., US
[73] DIVERSITY, INC., US
[86] (2912081)
[87] (2912081)
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[25] EN
[54] CONTROL DEVICE, CONTROL METHOD, AND CONTROL PROGRAM
[54] DISPOSITIF DE COMMANDE, PROCEDE DE COMMANDE ET PROGRAMME DE COMMANDE
[72] ANIXO, SHIRO, JP
[72] ASHIKAGA, MAKOTO, JP
[72] TASAKA, MASAHIRO, JP
[72] RYOTA, HISASHI, JP
[73] TOYOTA JIKOSHIA KAHUSHIKI KAISHA, JP
[73] SANYO MACHINE WORKS, LTD., JP
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[54] METHOD OF GENERATING RECONSTRUCTED BLOCK

[54] PROCÉDE DE GENERATION DE BLOC RECONSTRUIT

[72] CHIL SOO MI, KR

[72] YANG, MOONOCK, SG

[73] INCOIRIDGE PTE. LTD., SG

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[54] FAUCET HANDLE WITH ANGLED INTERFACE

[54] POIGNEE DE ROBINET PRESENTANT UNE INTERFACE INCLINEE

[72] DAVIDSON, KYLE, US

[72] THOMAS, KURT J., US

[72] BROWN, DEREK A., US

[72] SHAW, RYAN J., US

[73] DELTA FAUCET COMPANY, US

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[87] (2914334)

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[54] GESTURE INPUT APPARATUS FOR CAR NAVIGATION SYSTEM

[54] APPAREIL D'ENTREE DE GESTE DESTINE A UN SYSTEME DE NAVIGATION D'AUTOMOBILE

[72] IZUMI, KENJI, JP

[72] SHINOMURA, YUJI, JP

[72] FUJIHARA, NAOKI, JP

[73] SHIMANE PREFECTURAL GOVERNMENT, JP

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[25] EN

[54] TISSUE GRASPING AND WOUND CLOSING CLIPPING DEVICE

[54] DISPOSITIF DE PREHENSION DE TISSU ET D'AGRAFAGE DE FERMETURE DE PLAIE

[72] KAPPEL, GARY, US

[72] CROWLEY, PETER, US

[73] BOSTON SCIENTIFIC SCIMED, INC., US

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[54] DISPOSITIF DE COMMANDE DE LA PRESSION HYDRAULIQUE POUR ENGINS DE CHANTIER

[72] KIM, MI-OK, KR

[72] JUNG, TAE-RANG, KR

[73] VOLVO CONSTRUCTION EQUIPMENT AB, SE

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[54] PIPE CONNECTING SEALING MEMBER HAVING PROTRUSION

[54] ELEMENT D'ETANCHEISATION DE RACCORD DE TUYAU COMPORTANT UNE SAILLIE

[72] LEE, KWANG WON, KR

[73] JUNGWOO METAL IND. CO., LTD., KR

[85] 2016-01-07

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[87] (2916918)

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[54] INTERNAL RELIEF VALVE APPARATUS FOR USE WITH LOADING REGULATORS

[54] APPAREIL A SOUPAPE DE DECHARGE INTERIEURE POUR UTILISATION AVEC DES REGULATEURS DE CHARGE

[72] HAWKINS, JAMES CHESTER, US

[72] WOOLLUMS, DAVID E., US

[72] NGUYEN, TUNG KIM, US

[72] FOUST, GREGORY LAWRENCE, US

[73] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC., US

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[54] **PROCEDE D'IDENTIFICATION ET DE QUANTIFICATION DE PARTICULES EMETTRICES DANS DES SYSTEMES**
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[73] FRAUNHOFER-GESSELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **RESISTANCE APPARATUS, SYSTEM, AND METHOD**
[54] **APPAREIL, SYSTEME ET PROCEDE A RESISTANCE**
[72] BIRD, JOHN, US
[73] BIRD, JOHN, US
[85] 2016-01-06
[86] 2013-07-31 (PCT/US2013/053104)
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[30] US (61/677,640) 2012-07-31
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[25] EN
[54] **HAIR STYLING APPARATUS**
[54] **APPAREIL DE COIFFURE**
[72] LEUNG, ANTHONY KIT LUN, CN
[73] CONAIR CORPORATION, US
[86] (2921152)
[87] (2921152)
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[25] EN
[54] **LUBRICANT FILM-FORMING COMPOSITION AND SCREW JOINT FOR STEEL PIPE**
[54] **COMPOSITION FORMANT UNE PELLICULE LUBRIFIANTE ET JOINT A VIS POUR TUYAU EN ACIER**
[72] MATSUMOTO, KEISHI, JP
[72] GOTO, KUNIO, JP
[72] SASAKI, MASAYOSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
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[54] **GAME SYSTEM**
[54] **SYSTEME DE JEU**
[72] WALKER, WILMER DAVID, JR., US
[73] WALKER, WILMER DAVID, JR., US
[86] (2925154)
[87] (2925154)
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[25] EN
[54] **WHEEL MOTOR COOLING SYSTEM WITH EQUALLY DIVIDED FLOW**
[54] **SYSTEME DE REFROIDISSEMENT DE MOTEUR DE ROUE A DEBIT DIVISE EGALEMENT**
[72] CARON, LAVERNE ANDREW, US
[72] MEARS, KEITH, US
[72] ZHANG, SHUO, US
[73] FAIRFIELD MANUFACTURING COMPANY, INC., US
[86] (2925314)
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- [73] NAVIGATE SURGICAL TECHNOLOGIES, INC., CA
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[73] ROCKPORT NETWORKS INC., CA

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[72] BENNETT, PAUL, US

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[54] **COMPOSEUR LOGICIEL SANS FIL DESTINE A UN DISPOSITIF DE COMMUNICATION SATELLITE**

[72] CURTIS, TIMOTHY, CA

[72] INSLEY, MARK, CA

[72] MARTIN, DAVID, CA

[73] LATITUDE TECHNOLOGIES CORPORATION, CA

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[54] **CHAMBRE DE COMBUSTION PULSEE EVOLUTIVE**

[72] MOVASSAGHI, MEHRZAD, CA

[73] MOVASSAGHI, MEHRZAD, CA

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[72] ZITNICK, DAVID ALLEN, US

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[54] SYSTEME ET METHODE DE DELIVRANCE DE CONTRAVENTION A DES VEHICULES DEPASSANT LA VITESSE PERMISE
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[71] SMITH, JEFFERY R., CA
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[71] ROUTIER, LAURENCE G., CA
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[54] INTERFACE INFORMATIQUE ANIMEE EN FORMAT MIROIR
[72] UNKNOWN, ZZ
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[54] SYSTEME DE DENEIGEMENT OU DE NETTOYAGE DE TOIT D'UN CAMION SEMI REMORQUE OU CUBE 12-16-20 PIED OU PLUS
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[54] ENFILEUR D'AIGUILLE INTEGRE ET ACHEMINEMENT DE FIL DE COUTURE, SYSTEME DE COUPE ET RETENUE DESTINE A UNE BOITE A COUDRE
[72] TREMBLAY, CHRISTIAN, CA
[71] TREMBLAY, CHRISTIAN, CA
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[54] METHODE D'AMELIORATION DE LA COULEUR ET DE L'EPAISSEUR DE LA CROUTE DE PAIN FAIT DANS UNE MACHINE A PAIN DOMESTIQUE
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[54] METHODE D'UTILISATION DE N-HYDROXY-1,4-NAPHTHALENEDIONE COMME HERBICIDE NOVATEUR
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[54] **CADRE D'OUTIL MANUEL**

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[54] **POMPE EN TROIS PIECES**

[72] OPHARDT, HEINER, CH

[72] JONES, ANDREW, CA

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[72] BRANDT, STUART, CA

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[71] BAYER CROSCIENCE LP, US

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[54] **METHODE ET APPAREIL DE COLLECTE DE SPERME ET D'INSEMINATION ARTIFICIELLE DES PETITS OISEAUX**

[72] CABIBI, ANDREA, US

[72] CABIBI, PHILIP, US

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[54] **TRAITEMENT DE RESIDUS SUR PLACE**

[72] YUAN, SIMON, CA

[72] LORENTZ, JAMES, CA

[71] SYNCRUDE CANADA LTD., CA

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[54] **METHODE DE RECUPERATION DE SOLVANT DE RESIDUS DE TRAITEMENT DE MOUSSE A GENERATION DE VAPEUR SUR PLACE**

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[72] BHATTACHARYA, SUJIT, CA

[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA

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[54] APPLICATION INTERNATIONALE INTERNET/WIFI/LARGE BANDE/SPECTRALE/EXTENSION WIFI/REPETEUR WIFI/INTERNET SANS FIL DESTINEE A TOUS LES APPAREILS ELECTRONIQUES SUR TOUS LES SERVEURS A L'ECHELLE INTERNATIONALE

[72] TEXIWALA, ABDUR REHMAN, CA
[72] MOZUMDAR, JOHURUL AMIN, CA
[71] TEXIWALA, ABDUR REHMAN, CA
[71] MOZUMDAR, JOHURUL AMIN, CA
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[71] AIRBLY INC., CA
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[54] PONT ACTIF D'INSTRUMENT A ARCHET ANNULANT LE BOURDONNEMENT ET LEVE ELECTROMAGNETIQUE

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[72] MORIN, SEBASTIEN, CA
[71] SPORT MASKA INC., CA
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[54] DOSIMETRE MULTICOUCHE UTILISABLE AVEC UN ECRAN SOLAIRE ET METHODES DE PREPARATION ET UTILISATION ASSOCIEES

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[72] LEVINE, ALEXANDRA MICHELE, US
[72] ZUJOVIC, NICOLE ANN, US
[71] JADS INTERNATIONAL, LLC, US
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[54] METHODE ANALYTIQUE D'OPTIMISATION DE L'EFFICACITE DES RAVAGEURS DE SULFURE D'HYDROGENE

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[72] SODERBERG, JEFFREY, CA

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[71] CANADIAN ENERGY SERVICES L.P., CA

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[54] APPAREIL DE REFROIDISSEMENT D'UN THERMOSIPHON A ISOLATION DE COMPOSANTES REFROIDIES

[72] DIXIT, ABHINAV, IN

[72] SINGHAL, ATUL, IN

[72] WOOLARD, DAVID GLENN, US

[72] MALIK, TARUN, IN

[71] EATON CORPORATION, US

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[72] DION, BERNARD, US

[72] SOPKO, RICHARD JOSEPH, US

[71] SIMMONDS PRECISION PRODUCTS, INC., US

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[54] CONTROLE DE COMMANDE DES GAZ AUTOMATISE

[72] MARTINDALE, IAN CAREY, US

[71] THE BOEING COMPANY, US

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[54] CIRCUIT DE DETECTION DE MISE A LA TERRE DE COURT-CIRCUIT A CHASSIS D'APPAREIL DE CHAUFFAGE A ALIMENTATION CA

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[71] ROSEMOUNT AEROSPACE INC., US

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[72] WONG, THEODORE W., US

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[72] CHANG, HUNG-SHU, TW

[71] HUNG GUANG BIOTECH CO., LTD., TW

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[71] THE BOEING COMPANY, US

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 [72] NICOLETTE, ANTHONY M., US
 [72] WARD, JOSEPH D., US
 [71] BYRNE, NORMAN R., US
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 [41] 2017-09-11
 [30] US (62/306879) 2016-03-11

[21] **2,960,253**
 [13] A1
 [51] **Int.Cl. A61K 31/506 (2006.01) A61P 25/24 (2006.01)**
 [25] EN
 [54] **METHODS OF TREATING DEPRESSION USING OREXIN-2 RECEPTOR ANTAGONISTS**
 [54] **METHODES DE TRAITEMENT DE LA DEPRESSION AU MOYEN D'ANTAGONISTES DU RECEPTEUR OREXIN-2**
 [72] DE BOER, PIETER, BE
 [72] KENT, JUSTINE M., US
 [72] DREVETS, WAYNE C., US
 [71] JANSSEN PHARMACEUTICA NV, BE
 [22] 2017-03-09
 [41] 2017-09-10
 [30] US (62/306,487) 2016-03-10

[21] **2,960,256**
 [13] A1
 [51] **Int.Cl. B66F 9/22 (2006.01) B66F 9/16 (2006.01) B66F 9/20 (2006.01)**
 [25] EN
 [54] **CARGO VEHICLE**
 [54] **VEHICULE DE MARCHANDISE**
 [72] KATO, NORIHIKO, JP
 [72] KOIDE, YUKIKAZU, JP
 [71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
 [22] 2017-03-08
 [41] 2017-09-11
 [30] JP (2016-048408) 2016-03-11

[21] **2,960,260**
 [13] A1
 [51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/178 (2006.01) A61M 5/31 (2006.01)**
 [25] EN
 [54] **SAFETY INJECTION NEEDLE DEVICE**
 [54] **DISPOSITIF D'AIGUILLE D'INJECTION SECURITAIRE**
 [72] SJOKVIST, SVEN INGVAR, SE
 [71] ARTA PLAST AB, SE
 [22] 2017-03-09
 [41] 2017-09-11
 [30] SE (1650335-1) 2016-03-11

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 [13] A1
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 [25] EN
 [54] **AIRCRAFT ENGINE ASSEMBLY, COMPRISING FLEXIBLE FORCE TRANSMITTING DEVICES RADIALLY ARRANGED BETWEEN THE THRUST REVERSAL COWLS AND THE ENGINE**
 [54] **ASSEMBLAGE DE MOTEUR D'AVION COMPORTANT DES DISPOSITIFS DE TRANSMISSION DE FORCE FLEXIBLES DISPOSES DE MANIERE RADIALE ENTRE LE CAPOT D'INVERSEURS DE POUSSEE ET LE MOTEUR**
 [72] PAUTIS, OLIVIER, FR
 [72] BROCHARD, WOLFGANG, FR
 [71] AIRBUS OPERATIONS (SAS), FR
 [22] 2017-03-08
 [41] 2017-09-15
 [30] FR (16 52 159) 2016-03-15

[21] **2,960,341**
 [13] A1
 [51] **Int.Cl. B27G 23/00 (2006.01)**
 [25] EN
 [54] **APPARATUS FOR CARRYING OUT A NON-DESTRUCTIVE INSPECTION ON WOODEN BOARDS OR SIMILAR OBJECTS**
 [54] **APPAREIL DE REALISATION D'UNE INSPECTION NON DESTRUCTIVE SUR DES PANNEAUX DE BOIS OU DES OBJETS SIMILAIRES**
 [72] EISNER, EGON, AT
 [72] ZAMBRA, HERBERT, AT
 [72] TSCHURTSCHENTHALER, KONRAD, IT
 [72] THALER, JOHANN, IT
 [71] MICROTEC S.R.L., IT
 [22] 2017-03-09
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 [13] A1
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 [25] EN
 [54] **DO-IT-YOURSELF TAXIDERMY KIT**
 [54] **TROUSSE DE TAXIDERMIE DESTINEE A L'AMATEUR**
 [72] HOSE, MARK, US
 [71] MEMARK TECHNOLOGIES, INC., US
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[54] **WELD FORCED CRACK AND BRAZE REPAIR OF SUPERALLOYS**

[54] **FISSURE FORCEE PAR SOUDAGE ET REPARATION AU BRASAGE DE SUPERALLIAGES**

[72] WHIMS, LAWRENCE JAMES, US

[72] LAMBERT, JOHN CHRISTOPHER, US

[72] EMINOGLU, CEM MURAT, US

[72] SHUBERT, GARY CHARLES, US

[72] KLIMCZUK, PIOTR ARTUR, PL

[72] GAIK, ADAM, PL

[71] GENERAL ELECTRIC COMPANY, US

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[13] A1

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[54] **REFRIGERATION SYSTEM WITH INTERNAL OIL CIRCULATION**

[54] **SYSTEME DE REFRIGERATION A CIRCULATION D'HUILE INTERNE**

[72] OYARZUN, RAUL ALEJANDRO, AR

[72] TEVES, RICARDO HECTOR, AR

[72] RUSSO, MARTIN SEBASTIAN, AR

[72] PIRES, JUAN CRUZ, AR

[71] GE OIL & GAS ESP, INC., US

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[54] **PORTABLE WRENCH HOLDER**

[54] **SUPPORT DE CLE PORTATIF**

[72] RENNIE, WILLIAM, CA

[71] RENNIE, WILLIAM, CA

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[25] EN

[54] **SYSTEM AND METHOD FOR MANAGING TRAFFIC AT A WORKSITE**

[54] **SYSTEMES ET METHODES DE GESTION DE TRAFIC SUR UN LIEU DE TRAVAIL**

[72] CAMPBELL, COLE BENJAMIN, CA

[72] HOLLOMAN, MITCHELL ALEXANDER, CA

[71] SITE 2020 INCORPORATED, CA

[22] 2017-03-10

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[13] A1

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[25] EN

[54] **COLLAPSIBLE CRATE WITH WOOD APPEARANCE**

[54] **CAISSE ECRASABLE A APPARENCE DE BOIS**

[72] APPS, WILLIAM P., US

[72] HASSELL, JON P., US

[72] APPS, SHELBY FRANCES, US

[71] REHRIG PACIFIC COMPANY, US

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[13] A1

[51] Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)

[25] EN

[54] **PLANT REGULATORY ELEMENTS AND USES THEREOF**

[54] **ELEMENTS REGLEMENTAIRES D'INSTALLATION ET UTILISATIONS ASSOCIEES**

[72] CHITTOOR, JAISHREE M., US

[72] FLASINSKI, STANISLAW, US

[72] OUFATTOLE, MOHAMMED, US

[72] PETERSEN, MICHAEL W., US

[71] MONSANTO TECHNOLOGY LLC, US

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[13] A1

[51] Int.Cl. G06F 17/00 (2006.01) G06F 7/00 (2006.01) G06F 15/18 (2006.01) G06F 17/30 (2006.01)

[25] EN

[54] **SYSTEM AND METHOD FOR VISUAL BAYESIAN DATA FUSION**

[54] **SYSTEME ET METHODE DE FUSION DE DONNEES BAYESIENNES VISUELLES**

[72] SHARMA, GEETIKA, IN

[72] SINGH, KARAMJIT, IN

[72] GUPTA, GARIMA, IN

[72] SHROFF, GAUTAM, IN

[72] AGARWAL, PUNEET, IN

[72] PANDEY, ADITEYA, IN

[72] PANERI, KAUSHAL ASHOKBHAI, IN

[72] SEIGAL, GUNJAN, IN

[71] TATA CONSULTANCY SERVICES LIMITED, IN

[22] 2017-03-09

[41] 2017-09-10

[30] IN (201621008419) 2016-03-10

[21] 2,960,512
[13] A1

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[25] EN

[54] **HERBICIDE COMPOSITIONS AND METHODS FOR CONTROLLING GROWTH OF PLANTS OF THE BUCKTHORN FAMILY**

[54] **COMPOSITIONS HERBICIDES ET METHODES DE CONTROLE DE LA CROISSANCE DES PLANTES DE LA FAMILLE DE L'ARGOUSIER**

[72] ST. GERMAIN, TIMOTHY, CA

[71] ST. GERMAIN, TIMOTHY, CA

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[25] FR
[54] **LINKING MECHANISM BETWEEN AN AIRCRAFT DOOR AND A STRUCTURE ON THE AIRCRAFT, AIRCRAFT AND ASSOCIATED PROCESSES**
[54] **MECANISME DE LIAISON ENTRE UNE PORTE D'AERONEF ET UNE STRUCTURE DE L'AERONEF, AERONEF ET PROCEDE ASSOCIES**
[72] HERAU, PASCAL, FR
[72] DEDIEU, GUILLAUME, FR
[71] DASSAULT AVIATION, FR
[22] 2017-03-09
[41] 2017-09-16
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[13] A1

[51] Int.Cl. H04L 12/12 (2006.01) H04W 12/08 (2009.01) H04L 12/24 (2006.01)
[25] EN
[54] **APPLICATION PLATFORM SECURITY ENFORCEMENT IN CROSS DEVICE AND OWNERSHIP STRUCTURES**
[54] **MIS EN OEUVRE DE LA SECURITE DE PLATEFORME D'APPLICATION DANS LES STRUCTURES CROISEES DE DISPOSITIF ET PROPRIETAIRE**
[72] MIHAN, KOKO, CA
[72] D'AGOSTINO, DINO, CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG-SUK, CA
[72] MILKMAN, PAUL, CA
[72] BRAR, STEVE, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-03-10
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[30] US (62/306,897) 2016-03-11

[21] 2,960,535
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[51] Int.Cl. H04W 12/08 (2009.01)
[25] EN
[54] **APPLICATION PLATFORM SECURITY ENFORCEMENT IN CROSS DEVICE AND OWNERSHIP STRUCTURES**
[54] **MIS EN OEUVRE DE LA SECURITE DE PLATEFORME D'APPLICATION DANS LES STRUCTURES CROISEES DE DISPOSITIF ET PROPRIETAIRE**
[72] MIHAN, KOKO, CA
[72] D'AGOSTINO, DINO, CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG-SUK, CA
[72] MILKMAN, PAUL, CA
[72] BRAR, STEVE, CA
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[25] EN
[54] **ENGINE BLEED SYSTEM WITH MULTI-TAP BLEED ARRAY**
[54] **SYSTEME DE PRELEVEMENT REACTEUR A RESEAU DE PRELEVEMENT MULTISOURCE**
[72] SCHWARZ, FREDERICK M., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-03-10
[41] 2017-09-15
[30] US (15/070,462) 2016-03-15

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[25] EN
[54] **ENGINE BLEED SYSTEM WITH MOTORIZED COMPRESSOR**
[54] **SYSTEME DE PRELEVEMENT REACTEUR A COMPRESSEUR MOTORISE**
[72] SCHWARZ, FREDERICK M., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-03-10
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[13] A1

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[25] EN
[54] **CIRCUIT BREAKER POSITIONING SYSTEM AND METHOD FOR CONNECTION AND DISCONNECTION THEREOF**
[54] **SYSTEME DE POSITIONNEMENT DE DISJONCTEURS ET METHODE DE CONNEXION ET DECONNEXION ASSOCIEE**
[72] MECCA, FLORENT, CA
[72] GADEN, CEDRIC, CA
[72] BOZONAT, JEAN, CA
[71] 9088-5625 QUEBEC INC., CA
[22] 2017-03-10
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[54] **ROTARY JET, POWER GENERATION SYSTEMS AND MOTORS INCLUDING THE SAME, AND METHODS OF MAKING AND USING THE SAME**

[54] **JET ROTATIF, SYSTEMES DE PRODUCTION D'ENERGIE ET MOTEURS EN COMPORTANT, ET METHODES DE FABRICATION ET UTILISATION ASSOCIEES**

[72] LEE, BRENT WEI-TEH, US
[71] LEE, BRENT WEI-TEH, US
[22] 2017-03-13
[41] 2017-09-14
[30] US (62/389,963) 2016-03-14
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[30] US (62/391,840) 2016-05-12
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[54] **ASYMMETRIC BASKET CATHETER**

[54] **CATHETER A PANIER ASYMETRIQUE**

[72] WILLIAMS, STUART, US
[72] TRAN, PAUL, US
[72] SOLIS, MARIO A., US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-03-13
[41] 2017-09-15
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[25] EN

[54] **MYOPIC SUNGLASSES**

[54] **VERRES FUMES DESTINES AUX PERSONNES ATTEINTES DE MYOPIE**

[72] WANG, DAOMIN, CN
[71] WANG, DAOMIN, CN
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[30] CN (201620198772.5) 2016-03-16

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[13] A1

[51] **Int.Cl. E02F 5/10 (2006.01) E02F 5/02 (2006.01) E02F 5/14 (2006.01)**

[25] EN

[54] **DEVICE FOR REINSTATEMENT OF A MICRO-TRENCH**

[54] **DISPOSITIF DE REINTEGRATION D'UNE MICRO-TRANCHEE**

[72] LOOMIS, ROBERT, US
[72] GOODWIN, JACOB, US
[71] WILLAMETTE VALLEY COMPANY, US
[22] 2017-03-10
[41] 2017-09-15
[30] US (15/070,530) 2016-03-15
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[54] **MONOLITHIC ROOF ANCHOR**

[54] **ANCRAGE DE TOIT MONOLITHIQUE**

[72] LOPEZ, IVAN D., US
[71] WERNER CO., US
[22] 2017-03-10
[41] 2017-09-16
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[51] **Int.Cl. H04N 21/433 (2011.01)**

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[54] **POLICY BASED TRANSCODING**

[54] **TRANSCODAGE FONDE SUR UNE POLITIQUE**

[72] MAO, WEIDONG, US
[72] PRESS, JASON, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-03-10
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[30] US (15/067,902) 2016-03-11

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[54] **ROPE CAM DIPPER**

[54] **BENNE A CREUSER A CAME TREUILLEE**

[72] GROSS, MATTHEW L., US
[71] HARNISCHFEGGER TECHNOLOGIES, INC., US
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[41] 2017-09-10
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[13] A1

[51] **Int.Cl. A01D 34/69 (2006.01) A01D 69/02 (2006.01)**

[25] EN

[54] **MOWER DRIVEN BY ELECTRIC MOTORS**

[54] **TONDEUSE ENTRAINEE PAR DES MOTEURS ELECTRIQUES**

[72] TANABE, SHOTA, JP
[72] KURIYAGAWA, KOJI, JP
[72] ONODERA, SATOSHI, JP
[72] YOSHIMURA, HAJIME, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-13
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[30] JP (2016-050379) 2016-03-15

[21] 2,960,682
[13] A1

[51] **Int.Cl. A61K 8/97 (2017.01) A61K 8/67 (2006.01) A61K 8/92 (2006.01) A61Q 1/04 (2006.01)**

[25] EN

[54] **LIP COMPOSITIONS CONTAINING FOOD POWDER**

[54] **COMPOSITIONS POUR LES LEVRES RENFERMANT UNE POUDRE ALIMENTAIRE**

[72] HILL, CHERYL, US
[72] BIGGAM-NOBBE, AMANDA, US
[72] ANTWI, ABENA, US
[72] COOPER, MATT, US
[71] THE BURTS BEES PRODUCTS COMPANY, US
[22] 2017-03-13
[41] 2017-09-14
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[13] A1

[51] Int.Cl. H04W 72/00 (2009.01) H04W 72/10 (2009.01) H04W 72/12 (2009.01)

[25] EN

[54] NETWORK BASED CONTROL OF WIRELESS COMMUNICATIONS

[54] CONTROLE DE COMMUNICATIONS SANS FIL FONDE SUR UN RESEAU

[72] LEE, YIU LEUNG, US

[72] NANDIRAJU, NAGESH, US

[71] COMCAST CABLE COMMUNICATIONS, LLC, US

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[41] 2017-09-15

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[13] A1

[51] Int.Cl. B66F 9/075 (2006.01) B60K 1/04 (2006.01) B66C 23/72 (2006.01) H01M 2/10 (2006.01)

[25] EN

[54] BATTERY COUNTERWEIGHT SYSTEM

[54] SYSTEME DE CONTREPOIDS DE BATTERIE

[72] KIRK, JOHN BRYANT, US

[72] STANDARD, ADAM WAYNE, US

[71] THE RAYMOND CORPORATION, US

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[41] 2017-09-14

[30] US (62/307,626) 2016-03-14

[21] 2,960,809
[13] A1

[51] Int.Cl. A47K 13/26 (2006.01) E03D 11/02 (2006.01)

[25] EN

[54] LIGATURE RESISTANT TOILET

[54] TOILETTE RESISTANT AU DEMEMBREMENT

[72] BOELTL, DARRYL, US

[71] ACORN ENGINEERING COMPANY, US

[22] 2017-03-14

[41] 2017-09-15

[30] US (15/071,159) 2016-03-15

[21] 2,960,827
[13] A1

[51] Int.Cl. F16L 5/00 (2006.01) F16L 3/04 (2006.01) F16L 3/18 (2006.01) F16L 5/02 (2006.01)

[25] EN

[54] PIPE MOUNT

[54] INSTALLATION DE TUYAU

[72] INHA, TEEMU, FI

[71] UPONOR INNOVATION AB, SE

[22] 2017-03-14

[41] 2017-09-15

[30] EP (16160460.8) 2016-03-15

[21] 2,960,848
[13] A1

[51] Int.Cl. B60D 1/52 (2006.01) B60D 1/07 (2006.01)

[25] EN

[54] PIN BOX HAVING RECEIVER FOR INTERCHANGEABLE COUPLER

[54] BOITE D'ATTACHE COMPORTANT UN RECEPTEUR A RACCORD INTERCHANGEABLE

[72] PULLIAM, RANDALL A., US

[72] KARASCH, JAMES M., US

[71] PULLIAM ENTERPRISES, INC., US

[22] 2017-03-15

[41] 2017-09-16

[30] US (62308931) 2016-03-16

[21] 2,960,849
[13] A1

[51] Int.Cl. G08B 19/00 (2006.01) B60K 28/04 (2006.01)

[25] EN

[54] SYSTEMS AND METHODS FOR DETECTING AND WARNING OF THE PRESENCE OR ABSENCE OF AUTOMOBILE OCCUPANT

[54] SYSTEMES ET METHODES DE DETECTION ET AVERTISSEMENT DE LA PRESENCE OU L'ABSENCE D'UN OCCUPANT D'UNE AUTOMOBILE

[72] GARCIA, JUANA GABRIELA, US

[71] WAL-MART STORES, INC., US

[22] 2017-03-14

[41] 2017-09-14

[30] US (62/307,669) 2016-03-14

[21] 2,960,850
[13] A1

[51] Int.Cl. F01D 25/00 (2006.01) F01D 17/10 (2006.01) F02C 7/16 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR ACTUATING GAS TURBINE ENGINE COMPONENTS USING INTEGRATED JAMMING DEVICES

[54] SYSTEME ET METHODE D'ACTIONNEMENT DE COMPOSANTES DE TURBINE A GAZ COMPORTANT DES DISPOSITIFS DE VERROUILLAGE INTEGRES

[72] SELLINGER, AARON TODD, US

[72] KRAY, NICHOLAS JOSEPH, US

[72] LIN, WENDY WENLING, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2017-03-15

[41] 2017-09-16

[30] US (15/071,264) 2016-03-16

[21] 2,960,853
[13] A1

[51] Int.Cl. A47B 81/00 (2006.01) A47B 88/988 (2017.01) A47B 77/04 (2006.01) A47G 29/00 (2006.01) A47K 10/22 (2006.01)

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[54] PAPER TOWEL DISPENSING CABINET

[54] ARMOIRE DE DISTRIBUTION DE SERVIETTE EN PAPIER

[72] DENG, ERIC, US

[72] NILSEN, RAY, US

[72] REYES-AGUILERA, VICENTE, US

[71] HESTAN COMMERCIAL CORPORATION, US

[22] 2017-03-15

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[54] **EBAUCHES ET METHODES DE FORMAGE D'UN CONTENANT DE PRESENTATION PRET A L'EMPLOI**
[72] COUTURE, DAVID G., US
[71] WESTROCK SHARED SERVICES, LLC, US
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[41] 2017-09-16
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[25] EN
[54] **ADJUSTABLE LADDER RACK**
[54] **SUPPORT D'ECHELLE AJUSTABLE**
[72] LACHANCE, YAN, CA
[72] AUDET, GUILLAUME, CA
[72] DONAIS, SEBASTIEN, CA
[71] TECHNO-FAB 9000 INC., CA
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[54] **PRESSURIZED POTABLE WATER SYSTEM WITH CONFORMAL SHAPE WATER STORAGE TANK**
[54] **SYSTEME D'EAU POTABLE SOUS PRESSION A RESERVOIR DE STOCKAGE D'EAU A FORME CONFORME**
[72] GIAMATI, MICHAEL JOHN, US
[71] GOODRICH CORPORATION, US
[22] 2017-03-13
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[54] **ENGINE BLEED SYSTEM WITH TURBO-COMPRESSOR**
[54] **SYSTEME DE PRELEVEMENT REACTEUR A TURBO-COMPRESSEUR**
[72] SCHWARZ, FREDERICK M., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
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[41] 2017-09-15
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[54] **APPAREIL SERVANT A ATTENUER LES MOUVEMENTS INVOLONTAIRES DE LA MAIN**
[72] ELIAS, MARK, CA
[72] PATEL, SWAPNIL, CA
[72] MAAMARY, EMILE, CA
[72] ARANETA, LEONARDO, CA
[72] OBAID, NUMAIRA, CA
[71] SITEADIWEAR INC., CA
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[54] **BARRIERE A CABLES HAUTE TENSION DESTINEE A DES ROUTES**
[72] HEINEVIK, MATS, US
[72] NILSSON, HAKAN, US
[71] BLUE SYSTEMS AB, SE
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[54] **TANDEM AIR CYCLE MACHINE MODULE FOR ENVIRONMENTAL CONTROL SYSTEMS**
[54] **MODULE DE MACHINE A CYCLE D'AIR EN TANDEM DESTINE A DES SYSTEMES DE CONTROLE ENVIRONNEMENTAL**
[72] ARMY, DONALD E., US
[72] PEACOS, FREDERICK, III, US
[71] HAMILTON SUNDSTRAND CORPORATION, US
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[54] **BATTERY PACK LATCH MECHANISM**
[54] **MECANISME DE VERROU DE GROUPE DE BATTERIES**
[72] JENKINS, J. LUKE, US
[72] ALTENBURGER, RYAN, US
[72] SAUNDERS, WILLIAM J., US
[72] WILLEY, BRENT M., US
[72] PING, LI SHENG, CN
[71] TIT (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
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[54] GROUPE DE BATTERIES D'OUTIL ELECTRIQUE A COMMUNICATION SANS FIL

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[54] CORNERLOCK FOR A FRAME ASSEMBLY INCLUDING A COLLAR

[54] VERROU TOURNANT DESTINE A UN CADRE COMPORTANT UN COLLIER

[72] ISAACS, JOSEPH D., US

[71] QUANEX HOMESHIELD, LLC, US

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[54] PACK-AND-A-HALF ARCHITECTURE FOR ENVIRONMENTAL CONTROL SYSTEMS

[54] ARCHITECTURE DE PAQUET ET DEMI DESTINEE A DES SYSTEMES DE CONTROLE ENVIRONNEMENTAL

[72] ARMY, DONALD E., US

[72] PEACOS, FREDERICK, III, US

[71] HAMILTON SUNDSSTRAND CORPORATION, US

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[54] FLAME SIMULATING ASSEMBLY

[54] ENSEMBLE DE SIMULATION DE FLAMMES

[72] JACH, MICHAEL, CA

[72] HESS, KRISTOFFER, CA

[72] GALLO, IGNAZIO, CA

[71] DIMPLEX NORTH AMERICA LIMITED, CA

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[13] A1

[51] Int.Cl. E06B 9/262 (2006.01) E06B 9/38 (2006.01)

[25] EN

[54] ADJUSTABLE CUTDOWN ROMAN SHADE

[54] STORE ROMAIN A REDUCTION DE HAUTEUR AJUSTABLE

[72] SWOPES, CLETIS FRAZIER, US

[72] SHOTWELL, REBECCA JEAN, US

[71] SPRINGS WINDOW FASHIONS, LLC, US

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[54] HEAT EXCHANGER WITH INTEGRAL BYPASS VALVE

[54] ECHANGEUR DE CHALEUR A VANNE DE CONTOURNEMENT INTEGRALE

[72] ARMY, DONALD E., US

[72] PEACOS, FREDERICK, III, US

[71] HAMILTON SUNDSSTRAND CORPORATION, US

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[13] A1

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[54] ARCHITECTURE DE PAQUET ET DEMI DESTINEE A DES SYSTEMES DE CONTROLE ENVIRONNEMENTAL

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[72] PEACOS, FREDERICK, III, US

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[54] DISPOSITIF DE TRANSPORT GONFLABLE D'EMBARCATION INDIVIDUELLE

[72] NAKAMOTO, IVAN L., CA

[71] NAKAMOTO, IVAN L., CA

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[54] AN AIRCRAFT WITH AN EMERGENCY FLOATATION SYSTEM

[54] UN AERONEF EQUIPE D'UN SYSTEME DE FLOTTAISON D'URGENCE

[72] RAPPL, JOHANN, DE

[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE

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ENGINE

[54] MOTEUR A COMBUSTION
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[72] BROUGHTON, GEORGE, US

[72] NOBLE, MARK C., US

[72] MCCHESNEY, RICHARD, US

[71] BRP US INC., US

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[13] A1

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[25] EN

[54] LOW PROFILE DRIVE-OVER
CONVEYOR WITH FLEXIBLE
FRAMEWORK, BELT CLEANOUT
SECTION AND LIFTLESS SWING
POSITIONING

[54] CONVOYEUR DE
SURPASSEMENT PROFILE DOTE
D'UNE STRUCTURE FLEXIBLE,
D'UNE SECTION DE NETTOYAGE
DE COURROIE ET DE
POSITIONNEMENT DE BASCULE
SANS LEVEE

[72] ELIAS, HENRY, CA

[72] PENNER, TIM, CA

[71] SOARING EAGLE GRAIN
EQUIPMENT INC., CA

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[13] A1

[51] Int.Cl. B02C 2/00 (2006.01) H04N
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[25] EN

[54] SYSTEM AND METHOD FOR
MEASURING A CLOSED-SIDE
AND/OR OPEN-SIDE SETTING OF
A GYRATORY CRUSHER

[54] SYSTEME ET METHODE DE
MESURE D'UN PARAMETRE DE
COTE FERME ET DE COTE
OUVERT D'UN BROYEUR
GIRATOIRE

[72] SHUMKA, THOMAS, CA

[72] SHUMKA, JASON, CA

[71] CRUSHER VISION INC., CA

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[25] EN

[54] MACHINES AND METHODS FOR
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APPLICATION OF MELTING
AGENTS

[54] MACHINES ET METHODES DE
SOUFFLAGE DE LA NEIGE ET
D'EPANDAGE D'AGENTS
FONDANTS

[72] BROUSSEAU, BRYCE, CA

[71] KEYBLOK INC., CA

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[13] A1

[51] Int.Cl. A24F 47/00 (2006.01) A24B 15/22 (2006.01) A24D 3/18 (2006.01)

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[54] MECANISME DE VERROU INVIOLENT ET CIGARETTES ELECTRONIQUES COMPORTANT LEDIT MECANISME

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[54] COMPOSES D'ACIDE PHOSPHONIQUE ET PROCEDE DE CRIBLAGE

[72] METCALF, WILLIAM W., US

[72] JU, KOU-SAN, US

[72] GAO, JIANGTAO, CN

[72] DOROGHAZI, JAMES R., US

[72] LABEDA, DAVID P., US

[72] VAN DER DONK, WILFRED A., US

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[54] DERIVE DE SACCHARIDE D'UNE CHARGE UTILE TOXIQUE ET CONJUGUES D'ANTICORPS DE CELUI-CI

[72] HIELIN, JARI, FI

[72] SAARINEN, JUHANI, FI

[72] SATOMAA, TERO, FI

[72] EKHOLM, FILIP S., FI

[71] GLYKOS FINLAND OY, FI

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[25] FR

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[54] MEDICAMENT POUR TRAITER UNE MALADIE LIEE A UN DYSFONCTIONNEMENT DE LA TRANSMISSION SYNAPTIC DOPAMINERGIQUE

[72] MICHEL, PATRICK, FR

[72] LAVAU, JEREMIE, FR

[72] HIRSCH, ETIENNE, FR

[72] LEMAIRE, MARC, FR

[71] L'AIR LIQUIDE, SOCIETE

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[54] SPIROCYCLOHEPTANES UTILISES EN TANT QU'INHIBITEURS DE ROCK

[72] LADZIATA, VLADIMIR, US

[72] GLUNZ, PETER W., US

[72] HU, ZILUN, US

[72] WANG, YUFENG, US

[71] BRISTOL-MYERS SQUIBB COMPANY, US

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[21] 2,955,037
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[51] Int.Cl. A61K 9/10 (2006.01) A61K 38/13 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2017.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01) A61P 27/02 (2006.01)

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[54] SUSPENSION COMPOSITIONS OF CYCLOSPORIN A FOR SUBCONJUNCTIVAL AND PERIOULAR INJECTION

[54] COMPOSITIONS DE SUSPENSION DE CYCLOSPORINE A POUR INJECTION SOUS-CONJONCTIVALE ET PERIOULAIRE

[72] GORE, ANURADHA V., US

[72] HOU, HAO, US

[72] PUJARA, CHETAN P., US

[72] NEERVANNAN, SESHIA, US

[72] WU, KE, US

[71] ALLERGAN, INC., US

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[13] A1

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[25] EN

[54] METHOD AND SYSTEM FOR EXTRACTING GAS OR GAS MIXTURES FROM A LIQUID FOR PERFORMING DISSOLVED GAS OR GAS MIXTURE ANALYSIS

[54] PROCEDE ET SYSTEME D'EXTRACTION DE GAZ OU DE MELANGES DE GAZ A PARTIR D'UN LIQUIDE POUR LA MISE EN ŒUVRE D'UNE ANALYSE DE GAZ OU DE MELANGES DE GAZ DISSOUS

[72] VIRTANEN, SAMI, FI

[72] VIRTANEN, VILJ-PEKKA (DECEASED), FI

[71] VAISALA OYJ, FI

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[54] N-METHYL-D-ASPARTATE RECEPTOR MODULATORS AND METHODS OF MAKING AND USING SAME

[54] MODULATEURS DU RECEPTEUR DE N-METHYL-D-ASPARTATE ET LEURS PROCEDES D'ELABORATION ET D'UTILISATION

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[71] NAUREX, INC., US

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[21] 2,955,284
[13] A1

[51] Int.Cl. C10G 3/00 (2006.01) B01J 8/26 (2006.01) B01J 8/34 (2006.01) C07C 1/20 (2006.01) C10L 1/06 (2006.01)

[25] EN

[54] APPARATUS AND PROCESS FOR PRODUCING GASOLINE, OLEFINS AND AROMATICS FROM OXYGENATES

[54] APPAREIL ET PROCEDE DE PRODUCTION D'ESSENCE, D'OLEFINES ET DE COMPOSES AROMATIQUES A PARTIR DE COMPOSES OXYGENES

[72] DU, BING, US

[72] TABAK, SAMUEL A., US

[72] HINDMAN, MITCH L., US

[72] SHEN, ERIC B., US

[72] JOHNSON, DAVID L., US

[72] HARANDI, MOHSEN N., US

[72] SUTTON, CLAY R., US

[72] HAN, LU, US

[72] RATERMAN, MICHAEL F., US

[72] WANG, ZHONGCHENG, US

[72] VIJAY, ROHIT, US

[72] MCCARTHY, STEPHEN J., US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

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[13] A1

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[25] EN

[54] **METHODS FOR TREATING PATIENTS WITH HETEROZYGOUS FAMILIAL HYPERCHOLESTEROLEMIA (HEFH)**

[54] **METHODES DE TRAITEMENT DE PATIENTS PRESENTANT UNE HYPERCHOLESTEROLEMIE FAMILIALE HETEROZYGOTE (HEFH)**

[72] BACCARA-DINET, MARIE, FR

[72] HANOTIN, CORINNE, FR

[72] BESSAC, LAURENCE, FR

[72] CHAUDHARI, UMESH, US

[72] PORDY, ROBERT, US

[72] SASIELA, WILLIAM, US

[72] SCHWEMMER GIPE, DANIEL A., US

[71] SANOFI BIOTECHNOLOGY, FR

[71] REGENERON PHARMACEUTICALS, INC., US

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[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 9/00 (2006.01)**

[25] EN

[54] **METHODS FOR TREATING HIGH CARDIOVASCULAR RISK PATIENTS WITH HYPERCHOLESTEROLEMIA**

[54] **METHODES DE TRAITEMENT DE PATIENTS PRESENTANT UN RISQUE CARDIOVASCULAIRE ELEVE AVEC HYPERCHOLESTEROLEMIE**

[72] HANOTIN, CORINNE, FR

[72] BESSAC, LAURENCE, FR

[72] CHAUDHARI, UMESH, US

[72] PORDY, ROBERT, US

[72] SCHWEMMER GIPE, DANIEL A., US

[71] SANOFI BIOTECHNOLOGY, FR

[71] REGENERON PHARMACEUTICALS, INC., US

[85] 2017-01-13

[86] 2015-07-16 (PCT/US2015/040765)

[87] (WO2016/011260)

[30] US (62/025,371) 2014-07-16

[30] US (62/043,167) 2014-08-28

[30] US (62/080,725) 2014-11-17

[30] US (62/132,709) 2015-03-13

[30] EP (15305830.0) 2015-05-29

[21] 2,955,348
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01) A61K 39/35 (2006.01) A61P 37/08 (2006.01) C12N 15/12 (2006.01) C12P 21/02 (2006.01) G01N 33/564 (2006.01)**

[25] EN

[54] **NOVEL ALLERGEN**

[54] **NOUVEL ALLERGENE**

[72] MATSSON, LARS, SE

[72] OLSSON, ULRICA, SE

[72] LUNDGREN, THOMAS, SE

[72] LIDHOLM, JONAS, SE

[72] LARSSON, HAKAN, SE

[71] PHADIA AB, SE

[85] 2017-01-16

[86] 2015-07-20 (PCT/SE2015/050828)

[87] (WO2016/013971)

[30] SE (1450907-9) 2014-07-21

[21] 2,955,428
[13] A1

[51] **Int.Cl. A61K 31/7048 (2006.01) A61P 21/00 (2006.01)**

[25] EN

[54] **TOXIC RNA INHIBITORS SELF-ASSEMBLED IN SITU**

[54] **INHIBITEURS D'ARN TOXIQUES AUTO-ASSEMBLES IN SITU**

[72] DISNEY, MATTHEW D., US

[72] RZUCZEK, SUZANNE G., US

[71] THE SCRIPPS RESEARCH INSTITUTE, US

[85] 2017-01-17

[86] 2015-07-17 (PCT/US2015/040902)

[87] (WO2016/011348)

[30] US (62/026,266) 2014-07-18

[21] 2,955,465
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 35/17 (2015.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01)**

[25] EN

[54] **TREATMENT OF CANCER USING A CLL-1 CHIMERIC ANTIGEN RECEPTOR**

[54] **TRAITEMENT DU CANCER AU MOYEN D'UN RECEPTEUR D'ANTIGENES CHIMERIQUES CLL-1**

[72] BROGDON, JENNIFER, US

[72] EBERSBACH, HILMAR, CH

[72] GILL, SAAR, US

[72] GLASS, DAVID, US

[72] JASCUR, JULIA, CH

[72] KENDERIAN, SAAD, US

[72] MANNICK, JOAN, US

[72] MILONE, MICHAEL C., US

[72] MURPHY, LEON, US

[72] RICHARDSON, CELFESTE, US

[72] SINGH, RESHIMA, US

[72] WEI, LAI, CN

[72] WU, QILONG, CN

[72] YANG, QIUMEI, CN

[72] ZHANG, JIQUAN, CN

[71] NOVARTIS AG, CH

[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US

[85] 2017-01-17

[86] 2015-07-21 (PCT/US2015/041337)

[87] (WO2016/014535)

[30] CN (PCT/CN2014/082602) 2014-07-21

[30] CN (PCT/CN2014/090500) 2014-11-06

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[21] 2,955,569 [13] A1 [51] Int.Cl. A61K 47/54 (2017.01) [25] EN [54] PRODRUGS COMPRISING AN AMINOALKYL GLYCINE LINKER [54] PROMEDICAMENTS COMPRENANT UN LIEUR DE TYPE AMINOALKYLGLYCINE [72] BISEK, NICOLA, DE [72] RAU, HARALD, DE [72] CLEMMANN, FELIX, DE [72] KNAPPE, THOMAS, DE [72] REIMANN, ROMY, DE [71] ASCENDIS PHARMA A/S, DK [85] 2017-01-17 [86] 2015-08-04 (PCT/EP2015/067929) [87] (WO2016/020373) [30] EP (14180004.5) 2014-08-06	[21] 2,955,607 [13] A1 [51] Int.Cl. G01N 33/48 (2006.01) G01N 33/52 (2006.01) G01N 33/68 (2006.01) [25] EN [54] DETERMINATION OF PROTEIN AGGREGATION FROM THE CONCENTRATION DEPENDENCE OF DELTA G [54] DETERMINATION DE L'AGREGATION DE PROTEINES A PARTIR DE LA DEPENDANCE A LA CONCENTRATION DE DELTA G [72] FREIRE, ERNESTO, US [72] SCHON, ARNE, US [72] BROWN, RICHARD, US [71] UNCHAINED LABS, US [85] 2017-01-18 [86] 2015-07-21 (PCT/US2015/041353) [87] (WO2016/014546) [30] US (62/026,984) 2014-07-21 [30] US (62/034,504) 2014-08-07	[21] 2,955,676 [13] A1 [51] Int.Cl. A61K 39/395 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01) [25] EN [54] COMBINATION OF A PD-1 ANTAGONIST AND AN ALK INHIBITOR FOR TREATING CANCER [54] COMBINAISON D'UN ANTAGONISTE DE PD-1 ET D'UN INHIBITEUR D'ALK DANS LE TRAITEMENT DU CANCER [72] DAS-YOUNG, LEENA, US [72] WILNER, KETH DAVID, US [72] HO, STEFFAN NICHOLAS, US [71] PFIZER INC., US [71] MERCK SHARP & DOHME CORP., US [85] 2017-01-18 [86] 2015-08-24 (PCT/US2015/046477) [87] (WO2016/032927) [30] US (62/041,288) 2014-08-25

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[51] Int.Cl. G01N 33/48 (2006.01) G01N 33/483 (2006.01) G01N 35/00 (2006.01)

[25] EN

[54] POINT OF CARE ANALYTICAL PROCESSING SYSTEM

[54] SYSTEME DE TRAITEMENT ANALYTIQUE DE LIEU DE SOINS

[72] JAKUBOWICZ, RAYMOND F., US

[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US

[85] 2017-01-19

[86] 2015-07-24 (PCT/US2015/041917)

[87] (WO2016/014905)

[30] US (62/028,439) 2014-07-24

[30] US (14/807,212) 2015-07-23

[21] 2,955,836
[13] A1

[51] Int.Cl. C07D 409/12 (2006.01) A61K 31/506 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01) C07D 239/26 (2006.01) C07D 403/10 (2006.01) C07D 403/14 (2006.01) C07D 409/14 (2006.01)

[25] EN

[54] NOVEL GLP-1 RECEPTOR MODULATORS

[54] NOUVEAUX MODULATEURS DU RECEPTEUR GLP-1

[72] BOEHM, MARCUS F., US

[72] MARTINDOROUGH, ESTHER, US

[72] MOORJANI, MANISHA, US

[72] TAMIYA, JUNKO, US

[72] HUANG, LIMING, US

[72] YEAGER, ADAM R., US

[72] BRAHIMACHARY, ENUGURTHI, US

[72] FOWLER, THOMAS, GB

[72] NOVAK, ANDREW, GB

[72] MEHRIANI, PREMJI, GB

[72] KNAGGS, MICHAEL, GB

[71] CELGENE INTERNATIONAL II SARI, CH

[85] 2017-01-19

[86] 2015-07-24 (PCT/US2015/042114)

[87] (WO2016/015014)

[30] US (62/028,962) 2014-07-25

[30] US (62/090,040) 2014-12-10

[30] US (62/161,650) 2015-05-14

[21] 2,955,918
[13] A1

[51] Int.Cl. C07C 37/54 (2006.01) C07B 41/06 (2006.01) C07G 1/00 (2011.01)

[25] EN

[54] DEPOLYMERISATION OF OXIDISED LIGNIN

[54] DEPOLYMERISATION D'UNE LIGNINE OXYDEE

[72] WESTWOOD, NICHOLAS JAMES, GB

[72] LANCEFIELD, CHRISTOPHER STUART, GB

[72] TRAN, FANNY, GB

[71] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB

[85] 2017-01-20

[86] 2015-08-19 (PCT/GB2015/052415)

[87] (WO2016/027091)

[30] GB (1414829.0) 2014-08-20

[21] 2,955,937
[13] A1

[51] Int.Cl. C07D 405/14 (2006.01) A61K 31/395 (2006.01) A61K 31/4375 (2006.01) A61K 31/4439 (2006.01) A61K 31/4725 (2006.01) A61K 31/55 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01)

[25] EN

[54] HETEROCYCLIC CARBOXYLIC ACIDS AS ACTIVATORS OF SOLUBLE GUANYLATE CYCLASE

[54] ACIDES CARBOXYLIQUES HETEROCYCLIQUES EN TANT QU'ACTIVATEURS DE LA GUANYLATE CYCLASE SOLUBLE

[72] BRENNEMAN, JEHROD BURNETT, US

[72] GINN, JOHN DAVID, US

[72] SARKO, CHRISTOPHER RONALD, US

[72] WESTBROOK, JOHN, US

[72] ZHANG, ZHONGHUA, US

[72] YU, MAOLIN, US

[72] HOPKINS, TAMARA DENISE, US

[72] LOWE, MICHAEL D., US

[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[85] 2017-01-20

[86] 2015-07-21 (PCT/US2015/041245)

[87] (WO2016/014463)

[30] US (62/027,376) 2014-07-22

[21] 2,956,037
[13] A1

[51] Int.Cl. A61K 9/00 (2006.01) A61K 31/485 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2017.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01) A61P 27/02 (2006.01)

[25] EN

[54] STABLE PRESERVATIVE FREE OPHTHALMIC FORMULATIONS OF OPIOID ANTAGONISTS

[54] FORMULATIONS OPHTALMIQUES STABLES SANS CONSERVATEURS D'ANTAGONISTES OPIOIDES

[72] PISAK, MEHMET NEVZAT, TR

[72] CELAYIR, CENGİZ, TR

[71] İMUNEKS FARMA İLAÇ SANAYİ VE TİCARET A.Ş., TR

[85] 2017-01-23

[86] 2015-07-16 (PCT/IB2015/055384)

[87] (WO2016/012912)

[30] TR (PCT/TR2014/000303) 2014-07-25

[21] 2,956,104
[13] A1

[51] Int.Cl. C10B 53/07 (2006.01) C10B 49/02 (2006.01)

[25] EN

[54] DEVICE FOR THE CONTINUOUS THERMAL PROCESSING OF USED OR OTHERWISE DEGRADED TYRES

[54] DISPOSITIF POUR LE TRAITEMENT THERMIQUE EN CONTINU DE PNEUS USAGES OU AYANT SUBI UNE AUTRE DEGRADATION

[72] VASICEK, ALOIS, CZ

[71] ALPAJAR GROUP S.R.O., CZ

[85] 2017-01-24

[86] 2015-08-06 (PCT/CZ2015/000087)

[87] (WO2016/019932)

[30] CZ (PV 2014-534) 2014-08-07

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[25] EN

[54] ALDOSTERONE SYNTHASE INHIBITORS

[54] INHIBITEURS D'ALDOSTERONE SYNTHASE

[72] BURKE, JENNIFER, US

[72] COGAN, DEREK, US

[72] LORD, JOHN, US

[72] MARSHALL, DANIEL RICHARD, US

[72] MCKIBBEN, BRYAN P., US

[72] YU, MAOLIN, US

[72] ZHANG, YUNLONG, US

[72] CERNY, MATTHEW A., US

[72] FADER, LEE, US

[72] FREDERICK, KOSEA S., US

[72] SURPRENANT, SIMON, US

[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[85] 2017-01-23

[86] 2015-07-23 (PCT/US2015/041648)

[87] (WO2016/014736)

[30] US (62/028,556) 2014-07-24

[21] 2,956,154
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[51] Int.Cl. C07D 401/12 (2006.01) A01N 43/54 (2006.01) A01P 13/00 (2006.01)

[25] EN

[54] PYRIDONES AS HERBICIDES

[54] PYRIDONES UTILISEES COMME HERBICIDES

[72] SATTTERFIELD, ANDREW DUNCAN, US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2017-01-23

[86] 2015-07-23 (PCT/US2015/041763)

[87] (WO2016/014814)

[30] US (62/029,406) 2014-07-25

[21] 2,956,178
[13] A1

[51] Int.Cl. A61K 39/395 (2006.01) A61P 37/08 (2006.01) C07K 16/00 (2006.01) C07K 16/18 (2006.01) C07K 19/00 (2006.01)

[25] EN

[54] RAPID CLEARANCE OF ANTIGEN COMPLEXES USING NOVEL ANTIBODIES

[54] ELIMINATION RAPIDE DE COMPLEXES ANTIGENIQUES A L'AIDE DE NOUVEAUX ANTICORPS

[72] MOORE, GREGORY, US

[72] DESJARLAIS, JOHN, US

[72] BERNETT, MATTHEW, US

[71] XENCOR, INC., US

[85] 2017-01-23

[86] 2015-07-24 (PCT/US2015/042072)

[87] (WO2016/014984)

[30] US (62/028,695) 2014-07-24

[21] 2,956,188
[13] A1

[51] Int.Cl. C12N 1/21 (2006.01) A61K 39/385 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07H 3/06 (2006.01) C07K 14/195 (2006.01) C12N 9/10 (2006.01) C12N 15/31 (2006.01) C12N 15/52 (2006.01) C12N 15/54 (2006.01) C12N 15/61 (2006.01) C12P 19/00 (2006.01) C12P 19/04 (2006.01) C12P 19/28 (2006.01)

[25] EN

[54] MODIFIED HOST CELLS FOR USE IN BIOCONJUGATE PRODUCTION

[54] CELLULES HOTES MODIFIEES DESTINEES A LA PRODUCTION DE BIOCONJUGUE

[72] FARIDMOAYER, AMIRREZA, CH

[71] GLYCOVAXYN AG, CH

[85] 2017-01-24

[86] 2015-08-06 (PCT/EP2015/068203)

[87] (WO2016/020499)

[30] US (62/035,360) 2014-08-08

[21] 2,956,360
[13] A1

[51] Int.Cl. C07D 239/42 (2006.01) A61K 31/395 (2006.01) A61K 31/421 (2006.01) A61K 31/426 (2006.01) A61K 31/428 (2006.01) A61K 31/44 (2006.01) A61K 31/496 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) C07D 213/74 (2006.01) C07D 237/20 (2006.01) C07D 263/54 (2006.01) C07D 277/42 (2006.01) C07D 277/62 (2006.01) C07D 295/033 (2006.01) C07D 401/04 (2006.01) C07D 401/06 (2006.01) C07D 403/06 (2006.01)

[25] EN

[54] PIPERAZINE DERIVATIVES AS LIVER X RECEPTOR MODULATORS

[54] DERIVES DE PIPERAZINE COMME MODULATEURS DU RECEPTEUR HEPATIQUE X

[72] CLAREMON, DAVID A., US

[72] DONG, CHENG GUO, US

[72] FAN, YI, US

[72] LEFTHIERIS, KATERINA, US

[72] LOTESTA, STEPHEN D., US

[72] SINGH, SURESH B., US

[72] TICE, COLIN M., US

[72] ZHAO, WEI, US

[72] ZHENG, YAJUN, US

[72] ZHUANG, LINGHANG, US

[71] VITAE PHARMACEUTICALS, INC., US

[85] 2017-01-25

[86] 2015-08-04 (PCT/US2015/043538)

[87] (WO2016/022521)

[30] US (62/034,274) 2014-08-07

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[13] A1

[51] Int.Cl. C07D 487/04 (2006.01) A61K 31/5025 (2006.01) A61P 35/00 (2006.01)

[25] EN

[54] [1,2,4]TRIAZOLO[4,3-B]PYRIDAZINES FOR USE IN THE TREATMENT OF PROLIFERATIVE DISEASES

[54] [1,2,4] TRIAZOLO [4,3-B] PYRIDAZINES POUR UNE UTILISATION DANS LE TRAITEMENT DE MALADIES PROLIFERATIVES

[72] BRADBURY, ROBERT HUGH, GB

[72] RABOW, ALFRED ARTHUR, GB

[72] WARING, MICHAEL JAMES, GB

[72] MCCABE, JAMES FRANCIS, GB

[72] GLOSSOP, STEVEN CHRISTOPHER, GB

[72] MAHMOOD, ARSHED, GB

[72] COTTER, ZOE ANN, GB

[71] ASTRAZENECA AB, SE

[85] 2017-01-26

[86] 2015-07-24 (PCT/GI32015/052143)

[87] (WO2016/016618)

[30] US (62/029,676) 2014-07-28

[21] 2,956,465
[13] A1

[51] Int.Cl. C07D 471/12 (2006.01) A61K 31/4188 (2006.01) A61K 31/437 (2006.01) C07D 487/04 (2006.01) C07D 487/12 (2006.01)

[25] EN

[54] CYCLOHEXYL-ETHYL SUBSTITUTED DIAZA-AND TRIAZA-TRICYCLIC COMPOUNDS AS INDOLE-AMINE-2,3-DIOXYGENASE (IDO) ANTAGONISTS FOR THE TREATMENT OF CANCER

[54] COMPOSES DIAZA ET TRIAZA TRICYCLIQUES A SUBSTITUTION CYCLOHEXYL-ETHYLE UTILISES COMME ANTAGONISTES DE L'INDOLEAMINE-2,3-DIOXYGENASE (IDO) POUR LE TRAITEMENT DU CANCER

[72] SHERER, BRIAN A., US

[71] MERCK PATENT GMBH, DE

[85] 2017-01-26

[86] 2015-09-04 (PCT/US2015/048474)

[87] (WO2016/037026)

[30] US (62/046,242) 2014-09-05

[30] US (62/151,011) 2015-04-22

[21] 2,956,469
[13] A1

[51] Int.Cl. C07K 19/00 (2006.01) A61K 47/66 (2017.01) A61P 3/00 (2006.01) C07K 14/47 (2006.01) C07K 14/54 (2006.01) C12N 9/14 (2006.01) C12N 9/16 (2006.01) C12N 9/24 (2006.01) C12N 15/55 (2006.01) C12N 15/62 (2006.01)

[25] EN

[54] MANNOSE-6-PHOSPHATE BEARING PEPTIDES FUSED TO LYSOSOMAL ENZYMES

[54] PEPTIDES PORTEURS DU MANNOSE-6-PHOSPHATE FUSIONNES AVEC DES ENZYMES LYSOSOMIALES

[72] CONCINO, MICHAEL F., US

[72] STRACK-LOGUE, BETTINA, US

[72] MEYAPPAN, MUTHURAMAN, US

[72] NORTON, ANGELA W., US

[72] ZHANG, BOHONG, US

[72] ISKENDERIAN, ANDREA, US

[72] LOW, LIEH YOON, US

[72] LUNDBERG, DIANNA, US

[72] ROMASHKO, ALLA, US

[72] NAIMY, HICHAM, US

[71] SHIRE HUMAN GENETIC THERAPIES, INC., US

[85] 2017-01-26

[86] 2015-08-11 (PCT/US2015/044713)

[87] (WO2016/025519)

[30] US (62/036,082) 2014-08-11

[21] 2,956,545
[13] A1

[51] Int.Cl. C07K 14/725 (2006.01) A61K 35/12 (2015.01) A61K 35/28 (2015.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07K 14/705 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01) C12N 15/85 (2006.01)

[25] EN

[54] T CELL IMMUNOTHERAPY SPECIFIC FOR WT-1

[54] IMMUNOTHERAPIE PAR CELLULES T SPECIFIQUES DE LA WT-1

[72] SCHMITT, THOMAS M., US

[72] GREENBERG, PHILIP D., US

[72] NGUYEN, HIEU, US

[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US

[85] 2017-01-26

[86] 2015-07-30 (PCT/US2015/042986)

[87] (WO2016/022400)

[30] US (62/033,045) 2014-08-04

[30] US (62/164,783) 2015-05-21

[21] 2,956,548
[13] A1

[51] Int.Cl. C10G 33/04 (2006.01) C02F 1/56 (2006.01) C02F 11/14 (2006.01)

[25] EN

[54] IMPROVED PROCESS FOR TREATING OIL SANDS FINE TAILINGS

[54] PROCEDE AMELIORE DE TRAITEMENT DES RESIDUS FINS DE SABLES BITUMINEUX

[72] GILLIS, PAUL A., US

[72] MOORE, JASON S., US

[72] SMITH, BILLY G., US

[72] CLOFFER, MICHAEL D., US

[72] POINDEXTER, MICHAEL K., US

[72] MOHLER, CAROL E., US

[72] CHEN, WU, US

[72] WITHAM, COLE A., US

[72] ALABOSON, JUSTICE, US

[72] DAS, SHANKHADEEP, US

[72] SINGH, HARPREET, US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2017-01-26

[86] 2015-07-31 (PCT/US2015/043044)

[87] (WO2016/019214)

[30] US (62/031,365) 2014-07-31

[30] US (62/135,891) 2015-03-20

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[72] MACKMAN, RICHARD L., US

[72] SIEGEL, DUSTIN, US

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- [54] POLYMERES ACRYLIQUES CONTENANT DE LA SILICONE UTILISES POUR DES COMPOSITIONS D'ADMINISTRATION DE MEDICAMENTS PAR VOIE TRANSDERMIQUE
- [72] LIAO, JUN, US
- [72] ZHANG, JILIN, US
- [72] LIU, PUCHUN, US
- [72] DINI, STEVEN, US
- [71] NOVEN PHARMACEUTICALS, INC., US
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- [54] PROCEDES ET COMPOSITIONS DE DIAGNOSTIC ET DE TRAITEMENT DES MALADIES INFLAMMATOIRES CHRONIQUES DE L'INTESTIN
- [72] BELLINIA, SALVATORE, CH
- [72] VITI, FRANCESCA, CH
- [71] NOGRA PHARMA LIMITED, IE
- [85] 2017-01-27
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- [72] DE WET, EWALD WATERMEYER, ZA
- [71] SASOL TECHNOLOGY PROPRIETARY LIMITED, ZA
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- [54] PROCEDE DE PREPARATION D'UNE DISPERSION SOLIDE AMORPHE DANS LE DOMAINE SUBMICRONIQUE PAR COPRECIPITATION
- [72] TEMTEM, MARCIO, PT
- [72] PEREIRA, RUBEN, PT
- [72] VICENTE, JOAO, PT
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- [72] DUARTE, IRIS, PT
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- [54] ANALOGUES DE FUMARATE ET LEURS UTILISATIONS DANS LE TRAITEMENT D'UNE MALADIE AUTO-IMMUNE OU D'UNE MALADIE INFLAMMATOIRE
- [72] DUNCTON, MATTHEW, US
- [72] BHAMIDIPATI, SOMASEKHAR, US
- [72] YU, JIAXIN, US
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- [72] GUNDERSON, KEVIN L., US
- [72] BAI, JINGWEI, US
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- [72] BAAS, BRADLEY, US
- [71] ILLUMINA, INC., US
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[54] **PROCEDE DE PREPARATION DE CABOZANTINIB MARQUE AU FLUOR-18 ET D'ANALOGUES DE CELUI-CI**
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[72] DONNELLY, DAVID J., US
[72] CHOW, PATRICK L., US
[72] HENLEY, BENJAMIN J., US
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[72] GUO, JIASHENG, US
[72] LIU, BING, US
[72] MARTIN, MICHAEL T., US
[72] MITCHELL, MARK B., US
[72] ZHOU, XIAOMING, US
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[54] **COMPOSES REGULATEURS DE LA CROISSANCE VEGETALE**
[72] LOISELLEUR, OLIVIER, CH
[72] WENDEBORN, SEBASTIAN VOLKER, CH
[72] CUTLER, SEAN R., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **EFFICACITE ET TOLERABILITE COMPARATIVE DE LA DAPSONE 5 % ENTRE FEMMES ADULTES ET ADOLESCENTES SUJETTES A L'ACNE VULGAIRE**
[72] GALLAGHER, CONOR J., US
[72] MANIER, JOSH, US
[71] ALLERGAN, INC., US
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[72] KUTCH, TIMOTHY, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **INHIBITEURS DE PROTEINE KINASE C ET LEURS PROCEDES D'UTILISATION**
[72] LUZZIO, MICHAEL JOSEPH, US
[72] PAPILLON, JULIEN, US
[72] VISSER, MICHAEL SCOTT, US
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[54] MOLECULE PORTEUSE POUR DES ANTIGENES
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[72] GRANDI, GUIDO, IT
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[72] MARGARIT Y ROS, IMMACULADA, IT
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[54] POLYTHERAPIES UTILISANT DES ANTICORPS ANTI-CD40
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[72] NORLEN, PER, SE
[72] VETTONMAKI, NIINA, SE
[71] ALLIGATOR BIOSCIENCE AB, SE
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[54] IMMUNOCONJUGUES COMPRENANT DES ANTICORPS ANTI-HER2 ET DES PYRROLOBENZODIAZEPINES
[72] CHEN, XIAOCHENG, US
[72] DENNIS, MARK, US
[72] JUNUTULA, JAGATH REDDY, US
[72] PHILLIPS, GAIL LEWIS, US
[72] PILLOW, THOMAS HARDEN, US
[72] SIKWOWSKI, MARK X., US
[71] GENENTECH, INC., US
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[25] EN
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[54] PROTEINES DE FUSION DE L'INTERLEUKINE-2/RECEPTEUR ALPHA DE L'INTERLEUKINE-2 ET PROCEDES D'UTILISATION
[72] MALEK, THOMAS, US
[71] UNIVERSITY OF MIAMI, US
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[72] STEFFEN, JOHN FREDERICK, US
[72] MOODY, RALPH A., III, US
[71] AVINTIV SPECIALTY MATERIALS INC., US
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[54] INTEGRATED METHOD AND SYSTEM FOR RECYCLING WASTE MATERIAL
[54] PROCEDE ET SYSTEME INTEGRES POUR LE RECYCLAGE DE DECHETS
[72] HENRIKSSON, DAVID CHRISTER, US
[72] WINKLER, WAYNE FREDERICK, US
[72] LUCAS, BRADLEY E., US
[72] TOPPING, PAUL, US
[71] GEORGIA-PACIFIC CONTAINERBOARD LLC, US
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[54] PROCESS FOR THE REMOVAL OF ACID GASES FROM GASEOUS MIXTURES USING AN AQUEOUS SOLUTION OF 2-DIMETHYLAMINO-2-HYDROXYMETHYL-1, 3-PROPANEDIOL

[54] PROCEDE DESTINE A L'ELIMINATION DE GAZ ACIDES DE MELANGES GAZEUX EN UTILISANT UNE SOLUTION AQUEUSE DE 2-DIMETHYLAMINO-2-HYDROXYMETHYL-1,3-PROPANEDIOL

[72] LAROCHE, CHRISTOPHE R., US

[72] DOWDLE, JOHN R., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

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[54] SOLUTION AQUEUSE DE 2-DIMETHYLAMINO-2-HYDROXYMETHYL-1,3-PROPANEDIOL UTILE POUR L'ELIMINATION DE GAZ ACIDES DE MELANGES GAZEUX

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[54] PROCESS FOR PREPARING SPHERICAL POLYMERIZATION CATALYST COMPONENTS FOR USE IN OLEFIN POLYMERIZATIONS

[54] PROCEDE DE PREPARATION DE CONSTITUANTS DE CATALYSEURS DE POLYMERISATION SPHERIQUES DESTINES A ETRE UTILISES DANS DES POLYMERISATIONS D'OLEFINES

[72] UMEZAWA-VIZZINI, KAYO, US

[72] MARIN, VLADIMIR, US

[72] SPENCER, MICHAEL, US

[72] O'REILLY, NEIL J., US

[72] HINTOLAY, AHMED, US

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[54] METHOD FOR PURIFYING OSES WITHOUT ADJUSTING PH

[54] PROCEDE DE PURIFICATION D'OSSES SANS AJUSTEMENT DE PH

[72] THEOLEYRE, MARC-ANDRE, FR

[72] LEMAIRE, JULIEN, FR

[71] CENTRALESUPELEC, FR

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[54] MATERIAU SOLIDE CELLULAIRE DE TYPE CNF COMPRENANT DES TENSIOACTIFS ANIONIQUES

[72] JOHANSSON, ERIK, SE

[72] TCHANG CERVIN, NICHOLAS, SE

[72] WAGBERG, LARS-ERIK, SE

[71] CELLUTECH AB, SE

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[54] CONTAINER

[54] RECIPIENT

[72] MYERSCOUGH, MARTIN, GB

[71] FRUGALPAC LIMITED, GB

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[30] GB (1417698.6) 2014-10-07

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- [54] APPAREIL COMPORTANT UNE ANODE ET UNE CATHODE POUR FAIRE PRECIPITER LE CARBONATE DE CALCIUM
- [72] CORDIER, THOMAS, FR
- [72] DUBOST, JEAN-PHILIPPE, FR
- [72] GELUS, DOMINIQUE, FR
- [72] LEBOEUF, STEPHANIE, FR
- [72] NORMAND, BERNARD, FR
- [71] SEB S.A., FR
- [71] INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE LYON, FR
- [71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
- [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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- [25] EN
- [54] A DEVICE FOR FEEDING ITEMS TO A SORTING MACHINE AND SORTING MACHINE
- [54] DISPOSITIF D'ALIMENTATION EN ARTICLES VERS UNE MACHINE DE TRI, ET MACHINE DE TRI
- [72] MORONI, LORENZO, IT
- [72] CHIEREGO, LORENZO, IT
- [72] SOLDAVINI, ATTILIO (DECEASED), IT
- [71] FIVES INTRALOGISTICS S.P.A. CON SOCIO UNICO, IT
- [85] 2017-04-06
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- [51] Int.Cl. B02C 17/22 (2006.01) B29D 16/00 (2006.01)
- [25] EN
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- [54] PLAQUE DE COQUE, PROCEDE DE FABRICATION D'UNE PLAQUE DE COQUE ET BROEUR
- [72] LAUERMAA, KARI, FI
- [71] OUTOTEC (FINLAND) OY, FI
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- [72] LI, SHIGUANG, US
- [71] GAS TECHNOLOGY INSTITUTE, US
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- [72] NOBLE, ALEX WILLIAM, GB
- [71] TRIGI LIMITED, GB
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- [54] SERPENTIN D'EVAPORATEUR SUPERCRITIQUE A TUBE VERTICAL A PASSAGE UNIQUE DESTINE A UN GENERATEUR DE VAPEUR A RECUPERATION DE CHALEUR HORIZONTAL
- [72] HENNESSEY, JAMES R., US
- [72] HENNESSEY, SHAUN P., US
- [72] POLONSKY, VLADIMIR S., US
- [71] NOOTER/ERIKSEN, INC., US
- [85] 2017-04-07
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- [54] A LIFTER BAR, METHOD FOR MAKING A LIFTER BAR, METHOD FOR ASSEMBLING A LIFTER BAR AND A GRINDING MILL
- [54] BARRE DE SOULEVEMENT, PROCEDE POUR REALISER UNE BARRE DE SOULEVEMENT, PROCEDE POUR ASSEMBLER UNE BARRE DE SOULEVEMENT ET UN MOULIN DE BROUAGE
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- [71] OUTOTEC (FINLAND) OY, FI
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[54] **CATALYSEUR HETEROGENE POUR TRANSESTERIFICATION ET SON PROCEDE DE PREPARATION**

[72] JOSHII, UMAKANT
PRAVINCHADRA, US

[72] HAM, PETER GREGORY, US

[71] CRYSTAPHASE PRODUCTS, INC., US

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[54] **SILO, KIT ET PROCEDE DE CONSTRUCTION DE SILO**

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[72] VANPARYS, ANDY, BE

[71] SCE, BE

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[54] **BARRE DE LEVAGE, PROCEDE DE FABRICATION D'UNE BARRE DE LEVAGE, PROCEDE D'ASSEMBLAGE D'UNE BARRE DE LEVAGE ET BROYEUR**

[72] LAUERMAA, KARI, FI

[71] OULOTTIE (FINLAND) OY, FI

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[54] **SYSTEME INTEGRE ET PROCEDE D'EXTRACTION DE GAZ ACIDE D'UN FLUX DE GAZ**

[72] DENTON, DAVID L., US

[72] GUPTA, RAGHUBIR P., US

[72] TURK, BRIAN S., US

[72] GUPTA, VIJAY, US

[72] PALIWAL, HIMANSHU, US

[71] RESEARCH TRIANGLE INSTITUTE, US

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[54] **SYSTEM FOR THE PRODUCTION OF PANELS MADE OF WOOD FLAKES**

[54] **SYSTEME DE PRODUCTION DE PANNEAUX DE COPEAUX DE BOIS**

[72] BENEDETTI, PAOLO, IT

[71] IMAL S.R.L., IT

[85] 2017-04-12

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[71] THE PROCTER & GAMBLE COMPANY, US

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[72] BAKER, PAUL EDMUND, GB

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[54] **CABLE DE TRANSPORT D'ENERGIE AUX RADIOFREQUENCES ET/OU AUX HYPERFREQUENCES VERS UN INSTRUMENT ELECTRO-CHIRURGICAL**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] WHITE, MALCOLM, GB
[72] ULLRICH, GEORGE CHRISTIAN, GB
[72] WEBB, DAVID EDWARD, GB
[72] TURNER, LOUIS, GB
[72] MORRIS, STEVEN, GB
[71] CREO MEDICAL LIMITED, GB
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[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT D'UN DYSFONCTIONNEMENT DE LA GLANDE DE MEIBOMIUS**
[72] ALSTER, YAIR, IL
[72] RAFAELI, OMER, IL
[72] MACFARLANE, K. ANGELA, US
[72] REICH, CARY, US
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[25] EN
[54] **MECHANICAL DEVICE FOR CARRIAGE, HANDLING AND LAYOUT OF AN EXPLOSIVE CONE USED TO RELEASE HANGING ROCKS IN UNDERGROUND MINES**
[54] **DISPOSITIF MECANIQUE POUR LE TRANSPORT, LA MANIPULATION ET LA DISPOSITION DE CONE EXPLOSIF UTILISE POUR LIBERER DES ROCHES DE SUSPENSION DANS DES MINES SOUTERRAINES**
[72] VICUNA MARIN, MARIO, CL
[72] PINILLA NARVAEZ, GASTON, CL
[72] ARANCIBIA VILLEGAS, ERNESTO, CL
[72] GONZALEZ LOGUERCIO, GABRIEL, CL
[71] CORPORACION NACIONAL DEL COBRE DE CHILE, CL
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[54] **A COMPOSITION FOR IMPROVING MEMORY, LEARNING ABILITY, AND COGNITIVE ABILITY**
[54] **UNE COMPOSITION VISANT A AMELIORER LA MEMOIRE, LA CAPACITE D'APPRENTISSAGE ET LA CAPACITE COGNITIVE**
[72] KANG, YONGKOO, KR
[71] BRAINON INC., KR
[71] KANG, YONGKOO, KR
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[54] **RESPIRATOR HAVING CORRUGATED FILTERING STRUCTURE**
[54] **MASQUE RESPIRATOIRE AYANT UNE STRUCTURE DE FILTRAGE ONDULEE**
[72] ANGADJIVAND, SEYED A., US
[72] NGUYEN, NIAT HIA T., US
[72] GERHARDT, BRYAN L., US
[72] LE, JIMMY M., US
[72] BRANDNER, JOHN M., US
[72] SANOCKI, STEPHEN M., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **SYSTEMS FOR ENCAPSULATION OF ACTIVES WITHIN DROPLETS AND OTHER COMPARTMENTS**
[54] **SYSTEMES POUR L'ENCAPSULATION D'AGENTS ACTIFS DANS DES GOUTTELETTES ET AUTRES COMPARTIMENTS**
[72] WESNER, JOHN CHRISTOPHER, US
[72] CAGGIONI, MARCO, US
[72] ZHU, TAOTAO, US
[72] WETZ, DAVID A., US
[72] ABBASPOURRAD, ALIREZA, US
[72] CHOI, CHIANG-HYUNG, US
[71] THE PROCTER & GAMBLE COMPANY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **IDENTIFICATION ET PREDICTION DE DISPONIBILITE DE STATIONNEMENT**

[72] AGRAWAL, LAXMIKANT, US

[72] PRATIPATI, SUDHEER, US

[72] COLLE, AUDREY, US

[72] DE OLIVEIRA, JOSE, US

[72] COUCKUYT, JEFF, US

[71] UBER TECHNOLOGIES, INC., US

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[54] **A LINE-UP OF FLEXIBLE CONTAINERS**

[54] **GROUPE DE RECIPIENTS FLEXIBLES**

[72] STANLEY, SCOTT KENDYL, US

[72] MCGUIRE, KENNETH STEPHEN, US

[72] ISHIIHARA, TADAYOSHI, US

[72] ARENT, LEE MATTHEW, US

[72] YOU, JUN, US

[72] LESTER, JOSEPH CRAIG, US

[72] CLARE, BENJAMIN JACOB, US

[72] BOURGEOIS, MARC RICHARD, US

[72] BERG, CHARLES JOHN, JR., US

[71] THE PROCTER & GAMBLE COMPANY, US

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[54] **AIRBORNE DUST REDUCING GRANULAR ABSORBENT BLENDS**

[54] **MELANGES ABSORBANTS GRANULAIRES DE REDUCTION DE POUSSIERE EN SUSPENSION DANS L'AIR**

[72] LIPSCOMB, JOHN M., US

[72] BERGE, CHAD C., US

[72] RODRIGUEZ, OMAR L., US

[71] PIONEER PET PRODUCTS, LLC, US

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[54] **METHOD OF APPLYING A POST CURE LAMINATE TO A TIRE**

[54] **PROCEDE D'APPLICATION D'UN STRATIFIE POSTDURCISSEMENT A UN PNEU**

[72] STUCKEY, JON L., US

[72] BARNED, ROBERT G., US

[72] KIRBY, JAMES M., US

[71] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US

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[54] **COMMERCIAL AND GENERAL AIRCRAFT AVOIDANCE USING LIGHT, SOUND, AND/OR MULTI-SPECTRAL PATTERN DETECTION**

[54] **EVITEMENT D'ERONEFS COMMERCIAUX ET GENERAUX AU MOYEN D'UNE DETECTION DE MOTIF LUMINEUX, SONORE ET/OU MULTISPECTRAL**

[72] BUCHMUELLER, DANIEL, US

[72] PACZAN, NATHAN MICHAEL, US

[71] AMAZON TECHNOLOGIES, INC., US

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[30] US (14/569,125) 2014-12-12

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[25] EN

[54] **FLEXIBLE CONTAINERS WITH EASILY VARIABLE SIZING**

[54] **CONTENANTS SOUPLES A DIMENSIONNEMENT FACILEMENT VARIABLE**

[72] MCGUIRE, KENNETH STEPHEN, US

[72] STANLEY, SCOTT KENDYL, US

[72] ISHIIHARA, TADAYOSHI, US

[72] ARENT, LEE MATTHEW, US

[72] YOU, JUN, US

[72] LESTER, JOSEPH CRAIG, US

[72] CLARE, BENJAMIN JACOB, US

[72] BOURGEOIS, MARC RICHARD, US

[72] BERG, CHARLES JOHN, JR., US

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[54] VISIERE A ALIMENTATION EN AIR
[72] FERGUSON, PAUL GREGORY, GB
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
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[86] 2015-11-17 (PCT/IB2015/058890)
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[30] GB (1421156.9) 2014-11-28

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[13] A1
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[25] EN
[54] CONTINUOUS DIGESTER AND FEEDING SYSTEM
[54] SYSTEME D'ALIMENTATION ET DE LESSIVEUR EN CONTINU
[72] MCCANTY, KEVIN M., US
[71] INTERNATIONAL PAPER COMPANY, US
[85] 2017-05-25
[86] 2015-11-23 (PCT/US2015/062142)
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[25] EN
[54] ENZYMATICALLY PRODUCED CELLULOSE
[54] CELLULOSE PRODUITE PAR VOIE ENZYMATIQUE
[72] BEHABTU, NATNAEL, US
[72] POULOSE, AYROOKARAN J., US
[72] YU, ZHEYONG, CN
[72] ZHANG, ZHENGHONG, CN
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[51] Int.Cl. C12P 7/24 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 15/53 (2006.01) C12N 15/54 (2006.01) C12N 15/60 (2006.01) C12N 15/63 (2006.01) C12P 7/18 (2006.01) C12P 7/28 (2006.01) C12P 7/42 (2006.01) C12P 9/00 (2006.01)
[25] FR
[54] PROCESS FOR PRODUCING AT LEAST ONE METABOLITE OF INTEREST BY CONVERSION OF A PENTOSE IN A MICROORGANISM
[54] PROCEDE DE PRODUCTION D'AU MOINS UN METABOLITE D'INTERET PAR TRANSFORMATION D'UN PENTOSE DANS UN MICROORGANISME
[72] WALTHER, THOMAS, FR
[72] CAM, YVAN, FR
[72] FRANCOIS, JEAN-MARIE, FR
[72] ALKIM, CEREN, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE - INRA, FR
[71] INSTITUT NATIONAL DES SCIENCES APPLIQUEES - INSA, FR
[85] 2017-05-17
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[25] EN
[54] SYNTHESIS OF SUGAR MONOETHERS COMPRISING A LONG ALKYL CHAIN AND USES THEREOF AS A SURFACTANT
[54] SYNTHESES DE MONOETHERS DE SUCRE RENFERMANT UNE LONGUE CHAINE ALKYLE ET UTILISATIONS ASSOCIEES COMME SURFACTANT
[72] GOZLAN, CHARLOTTE, FR
[72] DUCLOS, MARIE-CHRISTINE, FR
[72] DUGUET, NICOLAS, FR
[72] LEMAIRE, MARC, FR
[72] REDL, ANDREAS, BE
[71] TEREOS STARCH & SWEETENERS BELGIUM, BE
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
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[54] RESPIRATOR TAB
[54] LANGUETTE DE RESPIRATEUR
[72] HENDERSON, CHRISTOPHER P., GB
[72] ABDULQADER, REYAD A., GB
[72] MAY, JAMES J., GB
[72] FERNANDES, MARK A. J., GB
[72] BOYCE, DAVID N., GB
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-06-02
[86] 2015-12-03 (PCT/US2015/063577)
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[30] GB (1421617.0) 2014-12-04

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[13] A1

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[54] **METHOD OF SEPARATING OIL**
[54] **PROCEDE DE SEPARATION D'HUILE**

[72] WANG, MIN MA, US
[72] SUNGAIL, CRAIG MICHAEL, US
[72] CHEN, XIN, US
[71] CRODA, INC., US
[85] 2017-06-02
[86] 2016-01-08 (PCT/US2016/012585)
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[30] US (62/104,183) 2015-01-16

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[54] **COMPOSITIONS AND METHODS FOR ENHANCING ATHLETIC PERFORMANCE**
[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER UNE PERFORMANCE ATHLETIQUE**

[72] HESSE, MATTHEW, US
[72] MILLER, PETER, J., US
[71] CORR-JENSEN INC., US
[85] 2017-06-05
[86] 2016-01-07 (PCT/US2016/012447)
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[54] **FLUOROPOLYMER ARTICLE FOR BACTERIAL FILTRATION**
[54] **ARTICLE EN POLYMERE FLUORE POUR FILTRATION BACTERIENNE**

[72] ALLEN, JOHN C., US
[72] SHULTZ, CHRISTOPHER J., US
[72] MARTONIK, BRIAN C., US
[72] ZUKOR, KENNETH S., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2017-06-06
[86] 2015-11-18 (PCT/US2015/061267)
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[25] EN

[54] **SPREADABLE CHEESE FROM CURD**
[54] **FROMAGE A TARTINER PRODUIT A PARTIR DE CAILLE**

[72] BUWALDA, PIETER LYKLE, NL
[72] VAN DIEN AKKIE-BLEUMINK, BERNARDA, NL
[72] MULDER, FREDERIK, NL
[71] COOPERATIE AVEBE U.A., NL
[85] 2017-06-05
[86] 2016-01-13 (PCT/NL2016/050025)
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[25] EN

[54] **RE-SEALABLE FLEXIBLE PACKAGE WITH REINFORCED PERIMETER**
[54] **EMBALLAGE FLEXIBLE REFERMABLE AVEC PERIMETRE RENFORCE**

[72] HUFFER, SCOTT WILLIAM, US
[72] CLEARE, SHARAYLA ANN, US
[71] SONOCO DEVELOPMENT, INC., US
[85] 2017-06-07
[86] 2015-12-08 (PCT/IB2015/059444)
[87] (WO2016/092470)
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[54] **FEEDER MECHANISM FOR FEEDING MECHANICAL FASTENERS**
[54] **MECANISME DE DISTRIBUTION PERMETTANT DE DISTRIBUER DES ELEMENTS DE FIXATION MECANIQUES**

[72] SARRAMOUNE, PIERRE, FR
[72] PY, ALAIN, FR
[71] ALEMA AUTOMATION, FR
[85] 2017-06-06
[86] 2015-12-17 (PCT/EP2015/080256)
[87] (WO2016/102305)
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[25] EN

[54] **HOLE INSPECTION DEVICE**
[54] **DISPOSITIF D'INSPECTION DE TROU**

[72] LOUBET, GERARD, FR
[71] ALEMA AUTOMATION, FR
[85] 2017-06-06
[86] 2015-12-17 (PCT/EP2015/080263)
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- [25] EN
- [54] AZOLINE COMPOUNDS SUBSTITUTED BY A CONDENSED RING SYSTEM
- [54] COMPOSES AZOLINE SUBSTITUES PAR UN SYSTEME CYCLIQUE CONDENSE
- [72] BINDSCHADLER, PASCAL, DE
- [72] DATTA, GOPAL KRISHNA, DE
- [72] VON DEYN, WOLFGANG, DE
- [72] POHLMAN, MATTHIAS, US
- [72] BRAUN, FRANZ JOSEF, US
- [71] BASF SE, DE
- [85] 2017-06-06
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- [25] EN
- [54] PROCESS FOR SEPARATION OF GASES WITH REDUCED MAINTENANCE COSTS
- [54] PROCEDE DE SEPARATION DE GAZ A COÛTS DE MAINTENANCE REDUITS
- [72] PRISKE, MARKUS, AT
- [71] EVONIK FIBRES GMBH, AT
- [85] 2017-06-06
- [86] 2015-12-22 (PCT/EP2015/080925)
- [87] (WO2016/107786)
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- [25] FR
- [54] IN-SITU BIOSTIMULATION OF THE HYDROLYSIS OF ORGANIC MATTER FOR OPTIMIZING THE ENERGY RECOVERY THEREFROM
- [54] BIOSTIMULATION IN-SITU DE L'HYDROLYSE DE LA MATIERE ORGANIQUE POUR OPTIMISER SA VALORISATION ENERGETIQUE
- [72] MANSOUR, ALICIA, FR
- [72] CACHO RIVERO, JESUS ANDRES, FR
- [72] FIDZ-POLANCO INIGUEZ DE LA TORRE, MARIA, ES
- [71] VEOLIA ENVIRONNEMENT - VE, FR
- [85] 2017-06-07
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- [30] FR (1462722) 2014-12-18

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[13] A1
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- [25] EN
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- [54] SYSTEMES ET PROCEDES D'IMAGERIE AUTOMATIQUE DE VEHICULE
- [72] CORBY, JAMES LEE, JR., US
- [72] WARPOL, JULIE, US
- [72] HENSMA, JOHN, US
- [72] AGEE, JOSH, US
- [71] COX AUTOMOTIVE, INC., US
- [85] 2017-06-07
- [86] 2015-12-11 (PCT/US2015/065216)
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[13] A1
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- [25] EN
- [54] METHOD FOR PRINTING ON MULTI-LAYERED, HOLLOW, CHOCOLATE FIGURES
- [54] PROCEDE D'IMPRESSION SUR DES FIGURINES EN CHOCOLAT CREUSES, MULTICOUCHES
- [72] PATYN, LUK, BE
- [71] C&H LOGISTICS BVBA, BE
- [85] 2017-06-08
- [86] 2015-12-21 (PCT/BE2015/059827)
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- [25] EN
- [54] STRUCTURED ADSORBENT BEDS, METHODS OF PRODUCING THE SAME AND USES THEREOF
- [54] LITS ADSORBANTS STRUCTURES, LEURS PROCEDES DE PRODUCTION ET LEURS UTILISATIONS
- [72] BRODY, JOHN F., US
- [72] LETA, DANIEL P., US
- [72] FOWLER, TRACY ALAN, US
- [72] FREEMAN, STEPHANIE A., US
- [72] CUTLER, JOSHUA L., US
- [71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
- [85] 2017-06-08
- [86] 2015-11-30 (PCT/US2015/062915)
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[54] **MATERIAUX ORGANOSILICIÉS**

[72] LI, QUANCHANG, US

[72] CALABRO, DAVID CHARLES, US

[72] AFFWORK, MOHAI, US

[72] WESTON, SIMON CHRISTOPHER, US

[72] MERTENS, MACHTELD MARIA WILFRIED, US

[72] BEUTEL, TILMAN WOLFRAM, US

[72] LAI, WENYIH FRANK, US

[72] PORSIADLO, PAUL, US

[72] BECKMAN, JEAN WILLEM LOEWIJK, US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

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[86] 2015-12-11 (PCT/US2015065204)

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[13] A1

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[54] **CONSTRUCT WITH LOCKING FEATURES**

[54] **CONSTRUCTION AYANT DES ELEMENTS DE VERROUILLAGE**

[72] GUNGNER, GREG, CA

[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US

[85] 2017-06-08

[86] 2016-02-24 (PCT/US2016019241)

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[54] **CELL**

[54] **CELLULE**

[72] PULE, MARTIN, GB

[72] CORDOBA, SHAUN, GB

[72] ONUOHA, SHIMOB, GB

[72] THOMAS, SIMON, GB

[71] UCL BUSINESS PLC, GB

[71] AUTOLUS LTD, GB

[85] 2017-06-09

[86] 2015-12-23 (PCT/GB2015/054137)

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[30] GB (1423172.4) 2014-12-24

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[13] A1

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[25] EN

[54] **DOORBELL CAMERA PACKAGE DETECTION**

[54] **DETECTION D'ENSEMBLE CAMERA DE SONNETTE**

[72] BUNKER, BRANDON, US

[72] LIN, RONGBIN LANNY, US

[72] DAVIS, AARON, US

[72] LIU, SHIWEI, US

[71] VIVINT, INC., US

[85] 2017-06-09

[86] 2015-12-15 (PCT/US2015/065868)

[87] (WO2016/100372)

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[13] A1

[51] Int.Cl. C12P 13/00 (2006.01) C12N 15/52 (2006.01)

[25] EN

[54] **METHOD OF PRODUCING & PROCESSING DIAMINES**

[54] **PROCEDE DE PRODUCTION ET DE TRAITEMENT DE DIAMINES**

[72] SUOMINEN, LAURI H., US

[72] GALLIEHER, CONNOR J., US

[72] JAPS, MICHAEL, US

[72] BURK, MARK J., US

[72] TRACEWELL, CARA, US

[71] GENOMATICA, INC., US

[85] 2017-06-09

[86] 2015-12-22 (PCT/US2015/067478)

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[30] US (62/096,309) 2014-12-23

[30] US (62/193,693) 2015-07-17

[30] US (62/211,315) 2015-08-28

[21] **2,970,640**
[13] A1

[51] Int.Cl. C08B 37/08 (2006.01) C08L 5/08 (2006.01) C08L 89/00 (2006.01) C12P 19/26 (2006.01) C07K 14/435 (2006.01) C12P 21/06 (2006.01)

[25] FR

[54] **CHITIN, HYDROLYSATE AND PRODUCTION OF AT LEAST ONE DESIRED PRODUCT FROM INSECTS BY MEANS OF ENZYMATIC HYDROLYSIS, COMPRISING A COMBINATION OF STEPS PERFORMED PRIOR TO THE ENZYMATIC HYDROLYSIS**

[54] **CHITINE, HYDROLYSAT ET PRODUCTION D'AU MOINS UN PRODUIT D'INTERET A PARTIR D'INSECTES PAR HYDROLYSE ENZYMATIQUE COMPORTANT UNE COMBINAISON D'ETAPES PREALABLES**

[72] BEREZINA, NATHALIE, FR

[72] HUBERT, ANTOINE, FR

[72] BERRO, FABRICE, FR

[72] LEVON, JEAN-GABRIEL, FR

[72] LE ROUX, KARINE, FR

[72] SOCOLSKY, CECILIA, FR

[72] SANCHEZ, LORENA, FR

[72] LAURENT, SOPHIE, FR

[71] YNSECT, FR

[85] 2017-06-12

[86] 2015-12-30 (PCT/FR2015/053783)

[87] (WO2016/108035)

[30] FR (1463513) 2014-12-31

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[21] 2,970,666
[13] A1

[51] Int.Cl. B01F 17/14 (2006.01) A23K 10/00 (2016.01) A23K 20/00 (2016.01) A23K 20/142 (2016.01) A23K 40/00 (2016.01) A23L 19/10 (2016.01) A23L 29/00 (2016.01) A23L 33/175 (2016.01) A23L 2/00 (2006.01)

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[54] LIQUID PRODUCTS HAVING INCREASED SOLIDS CONCENTRATIONS

[54] PRODUITS LIQUIDES PRESENTANT DES CONCENTRATIONS ACCRUES EN MATIERES SOLIDES

[72] BASEETHI, SHIREEN, US

[72] DYER, MATT, US

[72] LESS, JOHN, US

[71] ARCHER DANIELS MIDLAND COMPANY, US

[85] 2017-06-12

[86] 2015-12-10 (PCT/US2015/064873)

[87] (WO2016/105954)

[30] US (62/095,431) 2014-12-22

[21] 2,970,694
[13] A1

[51] Int.Cl. A47L 5/30 (2006.01) A47L 9/04 (2006.01)

[25] EN

[54] GROUND BRUSH FOR VACUUM CLEANER AND VACUUM CLEANER WITH THE SAME

[54] BROSSE DE SOL DESTINEE A UN ASPIRATEUR ET ASPIRATEUR EQUIPE DE LADITE BROSSE

[72] SONG, BINGXIAN, CN

[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN

[85] 2017-06-14

[86] 2016-05-20 (PCT/CN2016/082921)

[87] (2970694)

[30] CN (201610003337.7) 2016-01-04

[30] CN (201620005746.6) 2016-01-04

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[21] 2,970,700
[13] A1

[51] Int.Cl. A47L 9/28 (2006.01) A47L 9/00 (2006.01)

[25] EN

[54] CHARGING STAND FOR VACUUM CLEANER

[54] POSTE DE RECHARGE D'ASPIRATEUR

[72] ZHONG, MIN, CN

[72] DENG, CHAOYI, CN

[72] WANG, XINZHOU, CN

[72] WANG, YONGHUA, CN

[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN

[85] 2017-06-15

[86] 2016-03-22 (PCT/CN2016/077000)

[87] (2970700)

[30] CN (201610036807.X) 2016-01-20

[30] CN (201620054593.4) 2016-01-20

[30] CN (201610037564.1) 2016-01-20

[30] CN (201620054929.7) 2016-01-20

[30] CN (201610036808.4) 2016-01-20

[30] CN (201620054838.3) 2016-01-20

[30] CN (201610036810.1) 2016-01-20

[30] CN (201620054864.6) 2016-01-20

[30] CN (201610037447.5) 2016-01-20

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[30] CN (201610037459.8) 2016-01-20

[30] CN (201620054761.X) 2016-01-20

[21] 2,970,707
[13] A1

[51] Int.Cl. C08B 37/08 (2006.01) C08L 5/08 (2006.01) C08L 89/00 (2006.01) C12P 19/26 (2006.01) C12P 21/06 (2006.01) C07K 14/435 (2006.01)

[25] FR

[54] CHITIN, HYDROLYSATE AND METHOD FOR THE PRODUCTION OF ONE OR MORE DESIRED PRODUCTS FROM INSECTS BY MEANS OF ENZYMATIC HYDROLYSIS

[54] CHITINE, HYDROLYSAT ET PROCEDE DE PRODUCTION DE PRODUIT(S) D'INTERET A PARTIR D'INSECTES PAR HYDROLYSE ENZYMATIQUE

[72] BEREZINA, NATHALIE, FR

[72] HUBERT, ANTOINE, FR

[72] BERRO, FABRICE, FR

[72] LEVON, JEAN-GABRIEL, FR

[72] LE ROUX, KARINE, FR

[72] SOCOLSKY, CECILIA, FR

[72] SANCHEZ, LORENA, FR

[72] LAURENT, SOPHIE, FR

[71] YNSECT, FR

[85] 2017-06-12

[86] 2015-12-30 (PCT/FR2015/053781)

[87] (WO2016/108033)

[30] FR (1463512) 2014-12-31

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[21] **2,970,718**
[13] A1

[51] **Int.Cl. C08B 37/08 (2006.01) A23L 33/10 (2016.01) C08L 5/08 (2006.01) C08L 89/00 (2006.01) C12P 19/26 (2006.01) A23K 10/20 (2016.01) A23L 33/00 (2016.01) C07K 14/435 (2006.01) C12P 21/06 (2006.01)**

[25] FR

[54] **CHITIN, HYDROLYSATE AND METHOD FOR THE PRODUCTION OF ONE OR MORE DESIRED PRODUCTS BY MEANS OF ENZYMATIC HYDROLYSIS, INCLUDING PRE-TREATMENT WITH AN OXIDISING AGENT**

[54] **CHITINE, HYDROLYSAT ET PROCEDE DE PRODUCTION DE PRODUIT(S) D'INTERET PAR HYDROLYSE ENZYMATIQUE AVEC TRAITEMENT PREALABLE AVEC UN AGENT OXYDANT**

[72] BEREZINA, NATHALIE, FR
[72] HUBERT, ANTOINE, FR
[72] BERRO, FABRICE, FR
[72] LEVON, JEAN-GABRIEL, FR
[72] LE ROUX, KARINE, FR
[72] SOCOLSKY, CECILIA, FR
[72] SANCHEZ, LORENA, FR
[72] LAURENT, SOPHIE, FR
[71] YNSECT, FR
[85] 2017-06-12
[86] 2015-12-30 (PCT/FR2015/053782)
[87] (WO2016/108034)
[30] FR (1463511) 2014-12-31

[21] **2,970,720**
[13] A1

[51] **Int.Cl. A23L 33/17 (2016.01) A23K 10/20 (2016.01) A23K 20/142 (2016.01) A23K 40/00 (2016.01) A23K 50/80 (2016.01) A23L 33/00 (2016.01) A23L 35/00 (2016.01) A23P 10/20 (2016.01) A23P 10/40 (2016.01) A23J 1/00 (2006.01) A23J 3/04 (2006.01)**

[25] FR

[54] **COMPOSITION CONTAINING CHITIN AND DIGESTIBLE PROTEINS**

[54] **COMPOSITION COMPORTANT DE LA CHITINE ET DES PROTEINES DIGESTIBLES**

[72] ARMENJON, BENJAMIN, FR
[72] BEREZINA, NATHALIE, FR
[72] LAURENT, SOPHIE, FR
[72] HUBERT, ANTOINE, FR
[72] SOCOLSKY, CECILIA, FR
[72] SANCHEZ, LORENA, FR
[71] YNSECT, FR
[85] 2017-06-12
[86] 2015-12-30 (PCT/FR2015/053784)
[87] (WO2016/108036)
[30] FR (1463512) 2014-12-31
[30] FR (1560013) 2015-10-20

[21] **2,970,724**
[13] A1

[51] **Int.Cl. A23L 33/17 (2016.01) A23K 10/20 (2016.01) A23K 20/142 (2016.01) A23K 40/10 (2016.01) A23K 50/80 (2016.01) A23L 33/00 (2016.01) A23L 35/00 (2016.01) A23P 10/20 (2016.01) A23P 10/40 (2016.01) A23J 1/00 (2006.01) A23J 3/04 (2006.01) C08B 37/08 (2006.01)**

[25] FR

[54] **BEETLE POWDER**

[54] **POUDRE DE COLEOPTERES**

[72] ARMENJON, BENJAMIN, FR
[72] BEREZINA, NATHALIE, FR
[72] LAURENT, SOPHIE, FR
[72] SOCOLSKY, CECILIA, FR
[72] SANCHEZ, LORENA, FR
[72] HUBERT, ANTOINE, FR
[71] YNSECT, FR
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[21] **2,970,775**
[13] A1

[51] **Int.Cl. C40B 50/02 (2006.01) C07K 16/00 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) C12N 15/13 (2006.01) C40B 30/02 (2006.01) C40B 40/02 (2006.01) C40B 40/08 (2006.01) C40B 40/10 (2006.01) C40B 50/00 (2006.01) C40B 50/06 (2006.01) G06F 19/22 (2011.01)**

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[54] **METHODS FOR PRODUCING OPTIMISED THERAPEUTIC MOLECULES**

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[72] EDWARDS, BRYAN, GB
[72] TENG, YUMIN, GB
[71] CRESCENDO BIOLOGICS LIMITED, GB
[85] 2017-06-13
[86] 2016-01-12 (PCT/GB2016/050069)
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[13] A1

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[54] **METHOD AND DEVICE FOR POTTING AN LED LUMINAIRE POTTED IN A POTTING COMPOUND, AND LED LUMINAIRE**

[54] **PROCEDE ET DISPOSITIF D'ENROBAGE DE LAMPE A LED DANS UNE MATIERE D'ENROBAGE ET LAMPE A LED**

[72] STICKLUS, JAN, DE
[72] KWASNITSCHKA, TOM, DE
[72] HOHER, PETER ADAM, DE
[71] GEOMAR HELMHOLTZ-ZENTRUM FUR OZEANFORSCHUNG KIEL, DE
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[87] (WO2016/095901)
[30] DE (10 2014 118 671.0) 2014-12-15
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[25] EN
[54] USER EQUIPMENT AND METHOD FOR DYNAMIC INTERNET PROTOCOL MULTIMEDIA SUBSYSTEM (IMS) REGISTRATION
[54] EQUIPEMENT D'UTILISATEUR ET PROCEDE POUR L'ENREGISTREMENT DYNAMIQUE DE SOUS-SYSTEME MULTIMEDIA A PROTOCOLE INTERNET (IMS)
[72] LEWIS, ADAM C., US
[72] TJANDRA, PAULA, US
[72] UPP, KAREN M., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2017-06-14
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[25] EN
[54] PRODUCTION OF A YEAST-FREE, HIGHLY DIGESTIBLE PIZZA BY USING A DOUGH CONTAINING LACTIC ACID BACTERIA
[54] PRODUCTION D'UNE PIZZA SANS LEVURE, TRES DIGESTE AU MOYEN D'UNE PATE CONTENANT DES BACTERIES LACTIQUES
[72] MOGNA, GIOVANNI, IT
[72] STROZZI, GIAN PAOLO, IT
[71] MOFIN S.R.L., IT
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[86] 2015-12-28 (PCT/IB2015/060009)
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[25] EN
[54] METHOD FOR QUANTITATIVE MONITORING OF ENDOSPORES IN AQUEOUS ENVIRONMENT OF A PAPER OR BOARD MILL
[54] PROCEDE DE SUIVI QUANTITATIF D'ENDOSPORES DANS UN ENVIRONNEMENT AQUEUX D'UNE USINE A PAPIER OU A CARTON
[72] RIIHINEN, KALLE, FI
[72] LAURAEUS, MARKO, FI
[72] KOLARI, MARKO, FI
[72] AHOLA, JUHANA, FI
[71] KEMIRA OYJ, FI
[85] 2017-06-14
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[25] EN
[54] GROUND BRUSH FOR VACUUM CLEANER AND VACUUM CLEANER WITH THE SAME
[54] BROUSSE DE SOL DESTINEE A UN ASPIRATEUR ET ASPIRATEUR EQUIPE DE LADITE BROUSSE
[72] SONG, JINGXIAN, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[85] 2017-06-16
[86] 2016-05-20 (PCT/CN2016/082923)
[87] (2971032)
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[51] Int.Cl. A47L 1/02 (2006.01) A47L 9/28 (2006.01)
[25] EN
[54] WINDOW-CLEANING ROBOT AND METHOD FOR CONTROLLING THE SAME
[54] ROBOT DE NETTOYAGE DE FENETRE ET METHODE DE COMMANDE DUDIT ROBOT
[72] CHEN, YUAN, CN
[72] ZHU, XIAOGANG, CN
[72] YUAN, XIAOLONG, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[85] 2017-06-16
[86] 2016-07-22 (PCT/CN2016/090952)
[87] (2971033)
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[51] Int.Cl. A47L 5/24 (2006.01) A47L 5/28 (2006.01) A47L 9/10 (2006.01) A47L 9/16 (2006.01) A47L 9/32 (2006.01)
[25] EN
[54] VACUUM CLEANER
[54] ASPIRATEUR
[72] WANG, XINZHIU, CN
[72] WANG, YONGHUA, CN
[72] ZHONG, MIN, CN
[72] TAN, HUAZHEN, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[85] 2017-06-19
[86] 2016-03-22 (PCT/CN2016/077004)
[87] (2971067)
[30] CN (201610037608.0) 2016-01-20
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[30] CN (201610037520.9) 2016-01-20
[30] CN (201620059197.0) 2016-01-20
[30] CN (201610036806.5) 2016-01-20
[30] CN (201620053966.6) 2016-01-20
[30] CN (201610037164.0) 2016-01-20
[30] CN (201620054836.4) 2016-01-20
[30] CN (201610037162.1) 2016-01-20
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[30] CN (201610127643.1) 2016-03-07
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[25] EN

[54] **VACUUM CLEANER**

[54] **ASPIRATEUR**

[72] WANG, XINZHOU, CN

[72] WANG, YONGHUA, CN

[72] ZHONG, MIN, CN

[72] TAN, HUAZHEN, CN

[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN

[85] 2017-06-19

[86] 2016-03-22 (PCT/CN2016/077010)

[87] (2971069)

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[30] CN (201620054307.4) 2016-01-20

[30] CN (201610037520.9) 2016-01-20

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[30] CN (201620054591.5) 2016-01-20

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[30] CN (201610127643.1) 2016-03-07

[30] CN (201620171694.X) 2016-03-07

[21] **2,971,070**
[13] A1

[51] **Int.Cl. A47L 5/24 (2006.01) A47L 9/00 (2006.01) A47L 9/08 (2006.01)**

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[54] **HAND-HELD VACUUM CLEANER**

[54] **ASPIRATEUR TENU A LA MAIN**

[72] WANG, XINZHOU, CN

[72] WANG, YONGHUA, CN

[72] ZHONG, MIN, CN

[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN

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[87] (2971070)

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[30] CN (201610036806.5) 2016-01-20

[30] CN (201620053966.6) 2016-01-20

[30] CN (201610037164.0) 2016-01-20

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[30] CN (201620054591.5) 2016-01-20

[21] **2,971,139**
[13] A1

[51] **Int.Cl. A47L 9/08 (2006.01) A47L 5/14 (2006.01) A47L 5/24 (2006.01)**

[25] EN

[54] **HAND-HELD VACUUM CLEANER**

[54] **ASPIRATEUR TENU A LA MAIN**

[72] WANG, XINZHOU, CN

[72] WANG, YONGHUA, CN

[72] ZHONG, MIN, CN

[72] DENG, CHAOYI, CN

[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN

[85] 2017-06-19

[86] 2016-03-22 (PCT/CN2016/077006)

[87] (2971139)

[30] CN (201610037608.0) 2016-01-20

[30] CN (201620054307.4) 2016-01-20

[30] CN (201610036806.5) 2016-01-20

[30] CN (201620053966.6) 2016-01-20

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[30] CN (201620054836.4) 2016-01-20

[30] CN (201610036809.9) 2016-01-20

[30] CN (201620054591.5) 2016-01-20

[21] **2,971,174**
[13] A1

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[54] **CHARGING STAND FOR VACUUM CLEANER**

[54] **POSTE DE RECHARGE DESTINE A UN ASPIRATEUR**

[72] DENG, CHAOYI, CN

[72] ZHONG, MIN, CN

[72] WANG, XINZHOU, CN

[72] WANG, YONGHUA, CN

[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN

[85] 2017-06-19

[86] 2016-03-22 (PCT/CN2016/077003)

[87] (2971174)

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[30] CN (201620054593.4) 2016-01-20

[30] CN (201610037564.1) 2016-01-20

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[30] CN (201610036808.4) 2016-01-20

[30] CN (201620054838.3) 2016-01-20

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[30] CN (201620054864.6) 2016-01-20

[30] CN (201610037447.5) 2016-01-20

[30] CN (201620054592.X) 2016-01-20

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[13] A1

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[54] **GAINES DE CABLES A MICROSTRUCTURES SUR MESURE ET LEURS PROCEDES DE FABRICATION**

[72] ESSEGHIR, MOHAMED, US

[72] HUANG, WENYI, US

[72] DOOLEY, JOSEPH, US

[72] LEE, PATRICK CHIANG DONG, US

[72] PUJARI, SASWATI, US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

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[25] EN

[54] **CHARGING STAND FOR VACUUM CLEANER**

[54] **POSTE DE RECHARGE D'ASPIRATEUR**

[72] DENG, CHAOYI, CN

[72] ZHONG, MIN, CN

[72] WANG, XINZHOU, CN

[72] WANG, YONGHUA, CN

[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN

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[87] (2971179)

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[30] CN (201620054593.4) 2016-01-20

[30] CN (201610037564.1) 2016-01-20

[30] CN (201620054929.7) 2016-01-20

[30] CN (201610036808.4) 2016-01-20

[30] CN (201620054838.3) 2016-01-20

[30] CN (201610036810.1) 2016-01-20

[30] CN (201620054864.6) 2016-01-20

[30] CN (201610037447.5) 2016-01-20

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[30] CN (201610037458.3) 2016-01-20

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[51] Int.Cl. A47L 9/04 (2006.01) A47L 5/30 (2006.01)
[25] EN
[54] GROUND BRUSH FOR VACUUM CLEANER AND VACUUM CLEANER WITH THE SAME
[54] Brosse de sol pour aspirateur et aspirateur dote de ladite brosse
[72] SONG, BINGXIAN, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[85] 2017-06-19
[86] 2016-05-20 (PCT/CN2016/082922)
[87] (2971301)
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[25] EN
[54] 3-ALPHA-ETHYNYL, 3-BETA-HYDROXY-5-ALPHA-PREGNAN-20-OXIME FOR USE IN THE TREATMENT OF CNS DISORDERS
[54] 3-ALPHA-ETHYNYLE, 3-BETA-HYDROXY-5-ALPHA-PREGNAN-20-OXIME UTILE DANS LE TRAITEMENT DE TROUBLES DU SNC
[72] BACKSTROM, TORBJORN, SE
[72] RAGAGNIN, GIANNA, SE
[71] UMECRINE COGNITION AB, SE
[85] 2017-06-16
[86] 2016-01-11 (PCT/GB2016/050059)
[87] (WO2016/113549)
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[51] Int.Cl. C01B 17/90 (2006.01)
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[54] ACID RECOVERY FROM ACID-RICH SOLUTIONS
[54] RECUPERATION D'ACIDE A PARTIR DE SOLUTIONS RICHES EN ACIDE
[72] LAPIDOT, SHIAUL, IL
[72] AZERRAF, CLARITE, IL
[72] KREMER, INBAR, IL
[71] MELODEA LTD., IL
[85] 2017-06-16
[86] 2015-12-16 (PCT/IL2015/051223)
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[25] EN
[54] EXTENDABLE SYNCHRONOUS LOW POWER TELEMETRY SYSTEM FOR DISTRIBUTED SENSORS
[54] SYSTEME TELEMETRIQUE BASSE PUISSANCE SYNCHRONE EXTENSIBLE POUR CAPTEURS DISTRIBUES
[72] MINARIK, DANIEL B., US
[72] LANGELIER, MARK S., US
[71] RAYTHEON COMPANY, US
[85] 2017-06-16
[86] 2015-12-21 (PCT/US2015/067221)
[87] (WO2016/106253)
[30] US (14/582,155) 2014-12-23

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[13] A1
[51] Int.Cl. H04L 12/751 (2013.01) H04L 12/715 (2013.01) H04L 12/741 (2013.01) H04W 40/02 (2009.01)
[25] EN
[54] MESH NETWORK ADDRESSING
[54] ADRESSAGE DE RESEAU MAILLE
[72] HUI, JONATHAN WING-YAN, US
[72] WOODYATT, JAMES H., US
[72] TURON, MARTIN A., US
[71] GOOGLE INC., US
[85] 2017-06-16
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[30] US (14/798,451) 2015-07-13
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[13] A1
[51] Int.Cl. C12N 15/12 (2006.01) C12N 15/113 (2010.01) C07K 14/325 (2006.01) C07K 14/435 (2006.01) C07K 16/18 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) C12N 15/85 (2006.01) C12Q 1/68 (2006.01)
[25] EN
[54] NOVEL BT TOXIN RECEPTORS AND METHODS OF USE
[54] NOUVEAUX RECEPTEURS DE TOXINE BTET PROCEDES D'UTILISATION
[72] BECKER, JAMES E., US
[72] FINKE, CATHERINE J., US
[72] MATIIS, JOHN P., US
[72] NELSON, MARK EDWARD, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[51] **Int.Cl. G10L 21/038 (2013.01) G10L 21/0308 (2013.01) H04W 88/02 (2009.01)**

[25] EN

[54] **SCALING FOR GAIN SHAPE CIRCUITRY**

[54] **MISE A L'ECHELLE POUR CIRCUITERIE DE FORME DE GAIN**

[72] CHEBIYYAM, VENKATA SUBRAHMANYAM CHANDRA SEKHAR, US

[72] ATTI, VENKATRAMAN S., US

[71] QUALCOMM INCORPORATED, US

[85] 2017-06-19

[86] 2016-01-08 (PCT/US2016/012718)

[87] (WO2016/118343)

[30] US (62/105,071) 2015-01-19

[30] US (14/939,436) 2015-11-12

[21] **2,971,617**
[13] A1

[51] **Int.Cl. H02J 3/00 (2006.01) F03G 3/08 (2006.01) G01S 7/282 (2006.01) H02J 1/00 (2006.01) H02J 15/00 (2006.01) H02K 7/18 (2006.01) H02M 7/98 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CONTROL OF PULSED POWER IN HYBRID ENERGY STORAGE MODULE**

[54] **PROCEDE ET APPAREIL DE COMMANDE DE PUISSANCE PULSEE DANS UN MODULE DE STOCKAGE D'ENERGIE HYBRIDE**

[72] KUZNETSOV, STEPHEN, US

[71] RAYTHEON COMPANY, US

[85] 2017-06-19

[86] 2016-01-07 (PCT/US2016/012513)

[87] (WO2016/112206)

[30] US (14/591,695) 2015-01-07

[21] **2,971,639**
[13] A1

[51] **Int.Cl. B08B 9/055 (2006.01) F16L 55/44 (2006.01)**

[25] EN

[54] **PIPELINE PIG WITH HYDRAULICALLY BALANCED COLLAPSIBLE SEALING ELEMENTS**

[54] **RACLEUR DE CONDUITE POURVU D'ELEMENTS D'ETANCHEITE REPLIABLES EQUILIBRES HYDRAULIQUEMENT**

[72] HAILEY, JEFFREY C., US

[71] TDW DELAWARE, INC., US

[85] 2017-06-19

[86] 2016-04-08 (PCT/US2016/026700)

[87] (WO2016/171925)

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[21] **2,971,864**
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) C07K 1/107 (2006.01) C07K 14/705 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/40 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 9/00 (2006.01) C12N 9/22 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR GENERATING ANTIGENS, ANTIBODIES, AND IMMUNOTHERAPEUTIC COMPOSITIONS AND METHODS**

[54] **COMPOSITIONS ET PROCEDES DE GENERATION D'ANTIGENES, D'ANTICORPS, ET COMPOSITIONS ET PROCEDES IMMUNOTHERAPEUTIQUES**

[72] GARBAN, HERMES J., US

[72] NIAZI, KAYVAN R., US

[72] OLSON, SAMUEL Y., US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2017-06-21

[86] 2015-12-21 (PCT/US2015/067053)

[87] (WO2016/106198)

[30] US (62/095,369) 2014-12-22

[21] **2,971,993**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/113 (2010.01)**

[25] EN

[54] **METHODS FOR DIAGNOSING CHRONIC VALVULAR DISEASE**

[54] **PROCEDES POUR DIAGNOSTIQUER UNE VALVULOPATHIE CHRONIQUE**

[72] LI, QINGHONG, US

[71] NESTEC S.A., CH

[85] 2017-06-22

[86] 2016-02-04 (PCT/IB2016/050583)

[87] (WO2016/132244)

[30] US (62/117,189) 2015-02-17

[21] **2,972,001**
[13] A1

[51] **Int.Cl. C07K 14/605 (2006.01) A61K 38/26 (2006.01) A61P 3/04 (2006.01) C12N 15/16 (2006.01)**

[25] EN

[54] **GLUCAGON DERIVATIVES**

[54] **DERIVES DU GLUCAGON**

[72] JUNG, SUNG YOUNG, KR

[72] PARK, YOUNG JIN, KR

[72] LEE, JONG SUK, KR

[72] CHOI, JAE HYUK, KR

[72] LIM, CHIANG KI, KR

[72] KWON, SE CHANG, KR

[71] HANMI PHARM. CO., LTD., KR

[85] 2017-06-22

[86] 2015-12-30 (PCT/KR2015/014481)

[87] (WO2016/108617)

[30] KR (10-2014-0193691) 2014-12-30

[21] **2,972,338**
[13] A1

[51] **Int.Cl. C02F 3/10 (2006.01) C02F 3/20 (2006.01)**

[25] EN

[54] **MEMBRANE AERATED BIOFILM REACTOR**

[54] **REACTEUR A BIOFILM AERE SUR MEMBRANE**

[72] SHECHTER, RONEN-ITZHAK, IL

[72] KLOOS, STEVEN D., US

[71] EMEFCY LTD., IL

[85] 2017-06-27

[86] 2015-12-28 (PCT/IL2015/051256)

[87] (WO2016/108227)

[30] US (62/097,089) 2014-12-28

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[13] A1
- [51] Int.Cl. C12P 7/06 (2006.01) C12M 1/00 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01) C12P 19/02 (2006.01) C13K 1/00 (2006.01)
- [25] EN
- [54] USE OF A SUGAR STREAM IN ETHANOL FERMENTATION FOR PRODUCING FURTHER PRODUCTS
- [54] UTILISATION D'UN FLUX DE SUCRE DANS LA FERMENTATION DE L'ETHANOL POUR PRODUIRE D'AUTRES PRODUITS
- [72] REDFORD, STEVEN G., US
- [71] POET RESEARCH, INC., US
- [85] 2017-06-27
- [86] 2015-12-29 (PCT/US2015/067944)
- [87] (WO2016/109590)
- [30] US (62/098,434) 2014-12-31
- [30] US (14/983,265) 2015-12-29

- [21] 2,972,432
[13] A1
- [51] Int.Cl. A01N 63/00 (2006.01) A01N 25/00 (2006.01) A01N 53/06 (2006.01) A01P 7/04 (2006.01) A01P 21/00 (2006.01) C05F 11/08 (2006.01) C05G 3/02 (2006.01) C05G 5/00 (2006.01) C12N 1/20 (2006.01)
- [25] EN
- [54] MICROBIAL COMPOSITIONS FOR USE IN COMBINATION WITH SOIL INSECTICIDES FOR BENEFITTING PLANT GROWTH
- [54] COMPOSITIONS MICROBIENNES DESTINEES A ETRE UTILISEES EN COMBINAISON AVEC DES INSECTICIDES DE SOL POUR FAVORISER LA CROISSANCE DE PLANTE
- [72] TAGHIAVI, SAFTYH, US
- [72] VAN DER LELIE, DANIEL, US
- [72] WALMSLEY, MARK ROBERT, US
- [72] CALDWELL, NATHAN, US
- [72] ANDERSON, THOMAS E., US
- [72] SPADAFORA, VINCENT JAMES, US
- [72] BUCKLEW, LAMAR, US
- [71] FMC CORPORATION, US
- [85] 2017-06-27
- [86] 2015-09-30 (PCT/US2015/053104)
- [87] (WO2016/108972)
- [30] US (62/097,198) 2014-12-29
- [30] US (62/171,582) 2015-06-05

- [21] 2,972,460
[13] A1
- [51] Int.Cl. C02F 9/06 (2006.01) B01D 17/02 (2006.01) B01D 35/02 (2006.01) C02F 1/24 (2006.01) C02F 1/44 (2006.01) C02F 1/463 (2006.01)
- [25] EN
- [54] TREATING WATER
- [54] TRAITEMENT DE L'EAU
- [72] ENGLRAM, PAUL, US
- [71] ABSOLUTE GRAPHIC TECHNOLOGIES USA, INC., US
- [85] 2017-06-27
- [86] 2015-12-29 (PCT/US2015/067949)
- [87] (WO2016/109594)
- [30] US (62/098,069) 2014-12-30

- [21] 2,972,464
[13] A1
- [51] Int.Cl. C12P 7/06 (2006.01) B02C 13/22 (2006.01) A23L 7/10 (2016.01)
- [25] EN
- [54] HIGH PURITY STARCH STREAM METHODS AND SYSTEMS
- [54] PROCEDES A FLUX D'AMIDON A PURETE ELEVEE ET SYSTEMES
- [72] REDFORD, STEVEN G., US
- [72] PETERSON, TODD, US
- [71] POET RESEARCH, INC., US
- [85] 2017-06-27
- [86] 2015-12-29 (PCT/US2015/067951)
- [87] (WO2016/109595)
- [30] US (62/098,654) 2014-12-31
- [30] US (14/983,320) 2015-12-29

- [21] 2,972,475
[13] A1
- [51] Int.Cl. C12Q 1/68 (2006.01) C07H 21/04 (2006.01) C12Q 1/04 (2006.01)
- [25] EN
- [54] METHODS AND COMPOSITIONS FOR DIAGNOSING BACTERIAL VAGINOSIS
- [54] METHODES ET COMPOSITIONS POUR DIAGNOSTIQUER UNE VAGINOSE BACTERIENNE
- [72] GRAHAM, MICHAEL, US
- [72] HALL, JEFFREY, US
- [72] KING, JOSEPH J., US
- [71] GEN-PROBE INCORPORATED, US
- [85] 2017-06-27
- [86] 2016-01-08 (PCT/US2016/012589)
- [87] (WO2016/112252)
- [30] US (62/101,907) 2015-01-09

- [21] 2,972,557
[13] A1
- [51] Int.Cl. C12N 9/88 (2006.01) A01K 27/00 (2006.01) A01N 27/00 (2006.01) A01P 17/00 (2006.01) A01P 19/00 (2006.01) A61K 8/31 (2006.01) A61Q 17/02 (2006.01) C12N 15/60 (2006.01) C12P 5/00 (2006.01)
- [25] EN
- [54] OLFACTORY LIGANDS
- [54] LIGANDS OLFACTIFS
- [72] PICKETT, JOHN ANTHONY, GB
- [72] BIRKETT, MICHAEL ALEXANDER, GB
- [72] MILLER, DAVID JAMES, GB
- [72] ALLEMANN, RUDOLF KONRAD, GB
- [71] UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED, GB
- [71] ROTHAMSTED RESEARCH, GB
- [85] 2017-06-28
- [86] 2015-12-23 (PCT/GB2015/054139)
- [87] (WO2016/110671)
- [30] GB (1500348.6) 2015-01-09

- [21] 2,972,563
[13] A1
- [51] Int.Cl. C12H 1/22 (2006.01) B65B 3/04 (2006.01) B65B 35/00 (2006.01) B65D 8/00 (2006.01) B65D 25/34 (2006.01) B65D 81/38 (2006.01)
- [25] EN
- [54] PACKAGE FOR ALCOHOLIC BEVERAGES, PROCESS FOR MAKING SAID PACKAGE AND BARREL PACKING APPARATUS
- [54] EMBALLAGE POUR BOISSONS ALCOOLISEES, PROCEDE DE FABRICATION DUDIT EMBALLAGE ET APPAREIL POUR L'EMBALLAGE DE FUTS
- [72] CAPTANI, STEFANO, IT
- [72] RIZZI, JIVANOHE, IT
- [72] FOLCHINI, FERRANTE, IT
- [72] GALEAZZI, ANACLETO, IT
- [71] CRYOVAC, INC., US
- [85] 2017-06-28
- [86] 2015-12-28 (PCT/IB2015/060014)
- [87] (WO2016/108176)
- [30] IT (MI2014A002268) 2014-12-29
- [30] IT (MI2014A002269) 2014-12-29

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[21] 2,972,575
[13] A1

[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0735 (2010.01)**
[25] EN
[54] **RPE CELL POPULATIONS AND METHODS OF GENERATING SAME**
[54] **POPULATIONS DE CELLULES DE L'EPR ET LEURS PROCEDES DE PRODUCTION**
[72] BOHANA-KASITAN, OSNAT, IL
[72] ROSENBERG BELMAKER, LIOR ANN, IL
[72] WISER, OFER, IL
[71] CELL CURE NEUROSCIENCES LTD., IL
[85] 2017-06-28
[86] 2015-12-30 (PCT/IL2015/051269)
[87] (WO2016/108239)
[30] US (62/097,753) 2014-12-30
[30] US (62/116,972) 2015-02-17
[30] US (62/195,309) 2015-07-22

[21] 2,972,579
[13] A1

[51] **Int.Cl. A01N 63/00 (2006.01) A01N 25/00 (2006.01) A01N 53/06 (2006.01) A01P 21/00 (2006.01) C05F 11/08 (2006.01) C05G 3/02 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR USE OF INSECTICIDE WITH BACILLUS SP. D747**
[54] **COMPOSITIONS ET PROCEDES D'UTILISATION D'INSECTICIDE DE BACILLUS SP. D747**
[72] MARTIN, TIMOTHY M., US
[71] FMC CORPORATION, US
[85] 2017-06-28
[86] 2015-12-22 (PCT/US2015/067353)
[87] (WO2016/109332)
[30] US (62/097,219) 2014-12-29

[21] 2,972,580
[13] A1

[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0735 (2010.01) A61K 35/36 (2015.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **ASSESSING RETINAL PIGMENT EPITHELIAL CELL POPULATIONS**
[54] **EVALUATION DE POPULATIONS DE CELLULES EPITHELIALES PIGMENTAIRES RETINIENNES**
[72] BOHANA-KASITAN, OSNAT, IL
[72] ROSENBERG BELMAKER, LIOR ANN, IL
[72] WISER, OFER, IL
[71] CELL CURE NEUROSCIENCES LTD., IL
[85] 2017-06-28
[86] 2015-12-30 (PCT/IL2015/051270)
[87] (WO2016/108240)
[30] US (62/097,753) 2014-12-30
[30] US (62/116,980) 2015-02-17
[30] US (62/195,304) 2015-07-22

[21] 2,972,588
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **BRASSICA NAPUS SEED SPECIFIC PROMOTERS IDENTIFIED BY MICROARRAY ANALYSIS**
[54] **PROMOTEURS SPECIFIQUES DE SEMENCE BRASSICA NAPUS IDENTIFIES PAR ANALYSE PAR MICRORESEAU**
[72] BUTLER, HOLLY JEAN, US
[72] BEVAN, SCOTT ALAN, US
[72] LARSEN, CORY M., US
[72] MOSKAL, WILLIAM, US
[72] GONZALEZ, DELKIN ORLANDO, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-28
[86] 2015-12-28 (PCT/US2015/067584)
[87] (WO2016/111859)
[30] US (62/100,389) 2015-01-06

[21] 2,972,589
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **BRASSICA NAPUS SEED SPECIFIC PROMOTERS IDENTIFIED BY MICROARRAY ANALYSIS**
[54] **PROMOTEURS SPECIFIQUES DES SEMENCES DE BRASSICA NAPUS IDENTIFIES PAR ANALYSE DE BIOPUCES**
[72] BUTLER, HOLLY JEAN, US
[72] BEVAN, SCOTT ALAN, US
[72] LARSEN, CORY M., US
[72] MOSKAL, WILLIAM, US
[72] GONZALEZ, DELKIN ORLANDO, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-28
[86] 2015-12-28 (PCT/US2015/067590)
[87] (WO2016/111860)
[30] US (62/100,394) 2015-01-06

[21] 2,972,622
[13] A1

[51] **Int.Cl. A61L 27/28 (2006.01) A61F 2/82 (2013.01) A61L 27/04 (2006.01) A61L 27/34 (2006.01) A61L 27/50 (2006.01) A61L 27/54 (2006.01) A61L 27/58 (2006.01)**
[25] EN
[54] **STENT HAVING FUNCTIONAL MATERIAL COATED ON CELL SPACE THEREOF**
[54] **ENDOPROTHESE AYANT UN MATERIAU FONCTIONNEL DEPOSE SUR UN ESPACE DE CELLULE DE CELLE-CI**
[72] LEE, DON HAENG, KR
[72] PARK, JONG CHAE, KR
[72] KIM, DONG GON, KR
[72] CHOI, CHOONG RYEOL, KR
[71] UTAH-INHA DDS & ADVANCED THERAPEUTICS RESEARCH CENTER, KR
[71] NEXTBIOMEDICAL, KR
[85] 2017-06-28
[86] 2016-03-09 (PCT/KR2016/002352)
[87] (WO2016/144096)
[30] KR (10-2015-0034550) 2015-03-12

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[13] A1
[51] Int.Cl. A23K 10/30 (2016.01) A23K 20/00 (2016.01) A23K 40/00 (2016.01) A23K 40/30 (2016.01) A23K 50/40 (2016.01)
[25] EN
[54] **FOOD COMPOSITION AND METHOD OF USE**
[54] **COMPOSITION ALIMENTAIRE ET PROCEDE D'UTILISATION**
[72] JEWELL, DENNIS, US
[72] FOLLIS, AMBER, US
[72] BADRI, DAYAKAR, US
[71] HILL'S PET NUTRITION, INC., US
[85] 2017-06-28
[86] 2015-04-29 (PCT/US2015/028118)
[87] (WO2016/108946)
[30] US (62/097,169) 2014-12-29

[21] 2,972,711
[13] A1
[51] Int.Cl. A23F 5/28 (2006.01) A23F 5/24 (2006.01) A23F 5/26 (2006.01)
[25] EN
[54] **LIQUID ESPRESSO CONCENTRATE**
[54] **CONCENTRE D'ESPRESSO LIQUIDE**
[72] SMITS, JOANNES HUBERTUS PETRUS MARIA, NL
[72] DE VOS, CORNELIS HENDRICUS, NL
[72] BIIANSING, GHANSHIJAM, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2017-06-29
[86] 2015-12-28 (PCT/NL.2015/050912)
[87] (WO2016/108687)
[30] EP (15150052.7) 2015-01-02

[21] 2,972,735
[13] A1
[51] Int.Cl. A23L 29/20 (2016.01) A23L 29/206 (2016.01) A23C 9/137 (2006.01) A23C 9/154 (2006.01) A23L 3/00 (2006.01) A23L 3/10 (2006.01) A23L 3/16 (2006.01) A23L 33/00 (2016.01) A23C 9/00 (2006.01)
[25] EN
[54] **SMOOTH, SHELF-STABLE PRODUCT AND METHODS OF PRODUCING SAME**
[54] **PRODUIT LISSE STABLE EN CONSERVATION ET PROCEDES POUR LE PRODUIRE**
[72] GRAF, ERIC EDWARD, US
[71] NESTEC S.A., CH
[85] 2017-06-29
[86] 2016-01-05 (PCT/IB2016/050041)
[87] (WO2016/110803)
[30] US (62/099,705) 2015-01-05

[21] 2,972,747
[13] A1
[51] Int.Cl. A23F 5/28 (2006.01) A23F 5/24 (2006.01) A23F 5/26 (2006.01)
[25] EN
[54] **LIQUID ESPRESSO CONCENTRATE**
[54] **CONCENTRE D'ESPRESSO LIQUIDE**
[72] SMITS, JOANNES HUBERTUS PETRUS MARIA, NL
[72] DE VOS, CORNELIS HENDRICUS, NL
[72] BIIANSING, GHANSHIJAM, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2017-06-29
[86] 2015-12-28 (PCT/NL.2015/050913)
[87] (WO2016/108688)
[30] EP (15150046.9) 2015-01-02

[21] 2,972,748
[13] A1
[51] Int.Cl. C07K 14/605 (2006.01) A61K 38/26 (2006.01) A61P 3/04 (2006.01) C12N 15/16 (2006.01)
[25] EN
[54] **GLUCAGON DERIVATIVE HAVING IMPROVED STABILITY**
[54] **DERIVE DU GLUCAGON A STABILITE AMELIOREE**
[72] KIM, JUNG KUK, KR
[72] LEE, JONG MIN, KR
[72] KIM, SANG YUN, KR
[72] BAE, SUNG MIN, KR
[72] JUNG, SUNG YOUNG, KR
[72] KWON, SE CHANG, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2017-06-29
[86] 2015-12-30 (PCT/KR2015/014422)
[87] (WO2016/108586)
[30] KR (10-2014-0193800) 2014-12-30

[21] 2,972,751
[13] A1
[51] Int.Cl. A23C 19/09 (2006.01) A23L 27/20 (2016.01) A23L 27/24 (2016.01) A23P 30/00 (2016.01) A23C 19/00 (2006.01) A23C 19/05 (2006.01) A23C 20/00 (2006.01)
[25] FR
[54] **METHOD FOR MANUFACTURING A CHEESE-BASED FOOD PRODUCT, ADVANTAGEOUSLY A CHEESE, CHEESE SPECIALTY, OR CHEESE SUBSTITUTE**
[54] **PROCEDE POUR LA FABRICATION D'UNE DENREE ALIMENTAIRE FROMAGERE, AVANTAGEUSEMENT DU TYPE FROMAGE, SPECIALITE FROMAGERE OU SUBSTITUT DE FROMAGE**
[72] GARRIC, GILLES, FR
[72] LEONIL, JOELLE, FR
[72] JEANTET, ROMAIN, FR
[72] GAUCHERON, FREDERIC, FR
[72] SCHUCK, PIERRE, FR
[72] LORTAL, SYLVIE, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE - INRA, FR
[71] INSTITUT SUPERIEUR DES SCIENCES AGRONOMIQUES, AGROALIMENTAIRES, HORTICOLES ET DU PAYSAGE, FR
[85] 2017-06-29
[86] 2015-12-28 (PCT/FR2015/053762)
[87] (WO2016/108024)
[30] FR (1463439) 2014-12-30

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[21] **2,972,773**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **BRASSICA NAPUS SEED SPECIFIC PROMOTERS IDENTIFIED BY MICROARRAY ANALYSIS**

[54] **PROMOTEURS SPECIFIQUES DES SEMENCES DE BRASSICA NAPUS IDENTIFIES PAR ANALYSE DE BIOPUCES**

[72] BUTLER, HOLLY JEAN, US

[72] BEVAN, SCOTT ALAN, US

[72] LARSEN, CORY M., US

[72] MOSKAL, WILLIAM, US

[72] GONZALEZ, DELKIN ORLANDO, US

[71] DOW AGROSCIENCES LLC, US

[85] 2017-06-29

[86] 2015-12-28 (PCT/US2015/067576)

[87] (WO2016/111858)

[30] US (62/100,383) 2015-01-06

[21] **2,972,815**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/18 (2006.01) C10L 3/10 (2006.01)**

[25] EN

[54] **INNER SURFACE FEATURES FOR CO-CURRENT CONTACTORS**

[54] **ELEMENTS DE SURFACE INTERIEURE POUR CONTACTEURS A CO-COURANT**

[72] NORTHROP, P. SCOTT, US

[72] FREEMAN, STEPHANIE A., US

[72] CULLINANE, JOHN TIMOTHY, US

[72] GRAVE, EDWARD J., US

[72] YEH, NOMAN K., US

[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US

[85] 2017-06-29

[86] 2016-01-22 (PCT/US2016/014513)

[87] (WO2016/133647)

[30] US (62/117,234) 2015-02-17

[21] **2,972,865**
[13] A1

[51] **Int.Cl. C07K 14/71 (2006.01) A61K 38/17 (2006.01) A61P 19/08 (2006.01) C12N 15/12 (2006.01)**

[25] EN

[54] **SOLUBLE FGFR3 DECOYS FOR TREATING SKELETAL GROWTH DISORDERS**

[54] **LEURRES SOLUBLES DE RECEPTEUR DE TYPE 3DE FGF POUR LE TRAITEMENT DE TROUBLES DE CROISSANCE DU SQUELETTE**

[72] GOUZE, ELVIRE, FR

[72] GARCIA, STEPHANIE, FR

[71] THERACHION, FR

[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR

[71] UNIVERSITE NICE SOPHIA ANTIPOLIS, GE

[85] 2017-06-30

[86] 2016-01-07 (PCT/IB2016/000403)

[87] (WO2016/110786)

[30] EP (15290003.1) 2015-01-07

[21] **2,972,947**
[13] A1

[51] **Int.Cl. H01L 31/054 (2014.01) B82Y 20/00 (2011.01) H01L 31/055 (2014.01)**

[25] EN

[54] **COLOURLESS LUMINESCENT SOLAR CONCENTRATOR, FREE OF HEAVY METALS, BASED ON AT LEAST TERNARY CHALCOGENIDE SEMICONDUCTOR NANOCRYSTALS WITH ABSORPTION EXTENDING TO THE NEAR INFRARED REGION**

[54] **CONCENTRATEUR SOLAIRE LUMINESCENT INCOLORE, EXEMPT DE METAUX LOURDS, A BASE DE NANOCRISTAUX A SEMI-CONDUCTEUR DE CHALCOGENURE AU MOINS TERNAIRE A ABSORPTION S'ETENDANT VERS LA REGION PROCHE INFRAROUGE**

[72] BROVELLI, SERGIO, IT

[72] MEINARDI, FRANCESCO, IT

[72] CARULLI, FRANCESCO, IT

[71] UNIVERSITA'DEGLI STUDI DI MILANO-BICOCCA, IT

[85] 2017-07-04

[86] 2016-01-18 (PCT/IB2016/000032)

[87] (WO2016/116803)

[30] IT (MI2015000041) 2015-01-19

[21] **2,972,970**
[13] A1

[51] **Int.Cl. C07K 14/51 (2006.01) C12N 15/18 (2006.01)**

[25] EN

[54] **IMPROVED OSTEOGENIC PROTEINS**

[54] **PROTEINES OSTEOGENIQUES AMELIOREES**

[72] WOZNEY, JOHN MARTIN, US

[72] SEEHERMAN, HOWARD, US

[72] BROWN, CHRISTOPHER TODD, US

[71] WYETH LLC, US

[85] 2017-07-04

[86] 2015-04-06 (PCT/US2015/024536)

[87] (WO2016/111713)

[30] US (14/589,468) 2015-01-05

[21] **2,972,976**
[13] A1

[51] **Int.Cl. A23P 20/10 (2016.01) A21D 13/20 (2017.01) A21D 13/00 (2017.01) A21D 15/08 (2006.01) A21D 13/45 (2017.01)**

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[54] **SOLVENT-FREE SHELLAC COATING COMPOSITION**

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[72] SANTOS, STEPHEN A., US

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[72] MANSOUR, SABER, FR
[72] LEFEVRE, OLIVIER, FR
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[72] BODENHAUSEN, SCOTT, US

[72] DUNKEL, JESSICA, US

[72] FLYNN, TODD, US

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[72] MELNYK, OLEG, FR

[72] OLLIVIER, NATHALIE, FR

[72] ADRIAENSSENS, ERIC, FR

[72] LECIERCQ, BERENICE, FR

[72] SIMONNEAU, CLAIRE, FR

[72] DE NOLA, GIOVANNI, IT

[72] GHERARDI, ERMANNIO, IT

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[71] UNIVERSITE DES SCIENCES ET TECHNOLOGIES DE LILLE-LILLE 1, FR

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[72] MOORE, GARY IAN, AU
[71] RAYTHEON COMPANY, US
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[72] LEWIDGE, EADAON, IE

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[72] AZZOLIN, DIEGO, IT

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[54] FREIN DE SECURITE DESTINE A UN MECANISME DE LEVAGE

[72] HEIL, RUDIGER, DE

[72] STAUB, EUGEN, DE

[72] HOERMANN, WOLFRIED, DE

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[54] COMPOSANT POLYOL POUR LA PRODUCTION DE MOUSSES PUR

[72] BEISELE, CHRISTIAN, DE

[72] BAER, DANIEL, CH

[72] CHATARD, CELINE, FR

[71] HUNTSMAN ADVANCED MATERIALS LICENSING (SWITZERLAND) GMBH, CH

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[54] PROCEDE DE DETERMINATION D'UN FILTRE POUR UNE LENTILLE OPHTALMIQUE ET LENTILLE OPHTALMIQUE COMPORTANT UN TEL FILTRE

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[72] LONGO, ADELE, FR

[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR

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[25] FR
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[54] **VITRAGE FEUILLETE COMPRENANT UN CORDON PROFILE DE CLIPPAGE**
[72] DE PAOLI, MARTIAL, FR
[72] LAMOUREUX, LAURENT, FR
[72] ARTZNER, EMMANUELLE, FR
[72] SILVESTRINI, LAURENT, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[72] AHMED, MOHAMMED, GB
[72] AL-OMARI, ALI, GB
[71] UNIVERSITY OF PLYMOUTH, GB
[85] 2017-07-13
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[72] GAMBARDIELLA, LUCA MARIA, IT
[72] MINETTI, GIOVANNI, CH
[72] GUZZI, JEROME, CH
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[71] SUPSI (SCUOLA UNIVERSITARIA PROFESSIONALE DELLA SVIZZERA ITALIANA), CH
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[54] **ELECTRICAL SYSTEM, ELECTRICAL SWITCHING APPARATUS AND GUARD ASSEMBLY THEREFOR**
[54] **SYSTEME ELECTRIQUE, APPAREIL DE COMMUTATION ELECTRIQUE ET ENSEMBLE DE PROTECTION CORRESPONDANT**
[72] CROOKS, WILLIAM M., US
[72] ANDERSON, CHARLES B., US
[72] PUSKAR, MICHAEL P., US
[72] OLSZEWSKI, DAVID M., US
[72] QASIMI, JAVVAD, US
[71] EATON CORPORATION, US
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[54] **PROCEDE DE COMMANDE D'UN DEBIT AUQUEL UN PROCESSUS EN AMONT FOURNIT UN PRODUIT CONDITIONNE A UN PROCESSUS EN AVAL**
[72] PETRI, KENNETH C., US
[72] REES, RICHARD, US
[71] HEAT & CONTROL, INC., US
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[54] **SYSTEMS, METHODS, AND APPARATUS FOR PARTIAL ELECTRONICS INTEGRATION IN VEHICLE PADS FOR WIRELESS POWER TRANSFER APPLICATIONS**
[54] **SYSTEMES, PROCEDES ET APPAREIL D'INTEGRATION PARTIELLE D'ELECTRONIQUE DANS DES PLOTS DE VEHICULE POUR APPLICATIONS DE TRANSFERT D'ENERGIE SANS FIL**
[72] KEELING, NICHOLAS ATHOL, US
[72] BEAVER, JONATHAN, US
[72] VAN BOHEEMEN, EDWARD LEONARDUS, US
[72] KISSIN, MICHAEL LE GALLAIS, US
[72] HUANG, CHIANG-YU, US
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[54] **PLUG CONNECTOR ARRANGEMENT WITH COMPENSATION CRIMP**
[54] **ENSEMBLE CONNECTEUR AVEC SERTISSAGE DE COMPENSATION**
[72] ZEBHAUSER, MARTIN, DE
[72] ARMBRECHT, GUNNAR, DE
[72] KUNZ, STEPHAN, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **DISPOSITIFS ELECTRONIQUES COMPORTANT DES COUCHES TAMPONS D'OXYDE METALLIQUE POUVANT ETRE TRAITEES PAR SOLUTIONS**
[72] LUCHINGER, NORMAN ALBERT, CH
[72] HARTMEIER, BENJAMIN, CH
[72] HOU, YI, DE
[72] STUBIAN, TOBIAS, DE
[72] BRABEC, CHRISTOPH, DE
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[54] **DISPOSITIF DE COMMANDE D'UN HAUT-PARLEUR AVEC LIMITATION DE COURANT**
[72] MENDES, EDUARDO, FR
[72] LEPOUTRE, FREDERIC, FR
[72] CALMEL, PIERRE-EMMANUEL, FR
[71] DEVIALET, FR
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[54] **AMPLIFIER WITH ADJUSTMENT OF THE AUTOMATIC SOUND LEVEL**
[54] **AMPLIFICATEUR A REGLAGE DE NIVEAU SONORE AUTOMATIQUE**
[72] MENDES, EDUARDO, FR
[72] BERGERE, JULIEN, CN
[72] CALMEL, PIERRE-EMMANUEL, FR
[71] DEVIALET, FR
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[54] **PROCEDE D'ADAPTATION DU GAIN DE VOLUME POUR LA LIMITATION DE PUISSANCE D'UN AMPLIFICATEUR ET AMPLIFICATEUR**
[72] MENDES, EDUARDO, FR
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- [54] CONNECTEUR DOTÉ D'UNE PIÈCE DE VERROUILLAGE ET PROCÉDE DE MISE EN ŒUVRE DU CONNECTEUR
- [72] COMBEROUSSE, MATTHIEU, GB
- [71] ZODIAC INTERCONNECT UK LTD, GB
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- [72] BOCKER, MARC, DE
- [72] LANGE, STEPHAN, DE
- [72] BUSCH, GERALD, DE
- [71] WEIDMÜLLER INTERFACE GMBH & CO. KG, DE
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- [54] VIRUS PARA-INFLUENZA HUMAIN/BOVIN RECOMBINANT 3 (B/HPIV3) EXPRIMANT UNE PROTEINE F CHIMÉRIQUE DU RSV/BPIV3 ET SES UTILISATIONS
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- [72] LIANG, BO, US
- [72] MUNIR, SHIRIN, US
- [72] NUTT, ANNE SCHAAF, US
- [72] BUCHHOLZ, URSULA, US
- [72] MACKOW, NATALIE, US
- [72] KWONG, PETER, US
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- [72] MCLELLAN, JASON, US
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- [72] ZEHHAUSER, MARTIN, DE
- [72] AMBRECHT, GUNNAR, DE
- [72] KUNZ, STEPHAN, DE
- [71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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- [54] DISJONCTEUR A COURANT CONTINU AVEC GENERATION D'UN CONTRE-COURANT
- [72] DUPRAZ, JEAN-PIERRE, FR
- [71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **MECANISME D'ACTIONNEMENT DESTINE A DECLENCHER UN DISJONCTEUR DE TENSION**

[72] VON ALLMEN, PETER, CH

[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH

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[54] **UNDERVOLTAGE-RELEASE CIRCUIT OF OPERATING-MECHANISM FOR TRIPPING A VOLTAGE CIRCUIT-BREAKER**

[54] **CIRCUIT DE DISJONCTION A MINIMUM DE TENSION DE MECANISME DE FONCTIONNEMENT POUR DECLENCHER UN COUPE-CIRCUIT DE TENSION**

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[54] **CHARGEMENT ET DECHARGEMENT AUTOMATISES D'ARTICLES**

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[72] PETERSON, ERIK, US

[72] RAMSAGER, THOMAS, US

[71] UNITED PARCEL SERVICE OF AMERICA, INC., US

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[54] **MODELE DE SIMULATION DE FERMETURE DE PLAIE D'ECHANTILLONS DE TISSUS ANATOMIQUES EX VIVO**

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[72] PFEFFERKORN, MATTHEW, US

[71] ETHICON, INC., US

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[54] **CONNECTOR ASSEMBLY WITH POGO PINS FOR USE WITH MEDICAL SENSORS**

[54] **ENSEMBLE CONNECTEUR A BROCHES POGO DESTINE A ETRE UTILISE AVEC DES CAPTEURS MEDICAUX**

[72] SCRUGGS, STEPHEN, US

[72] AL-ALI, AMMAR, US

[72] SCHMIDT, JOHN, US

[72] ABDUL-HAFIZ, YASSIR KAMEL, US

[72] TRIMAN, BENJAMIN, US

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[54] **TURBINE UNIT FOR HYDRAULIC INSTALLATION**

[54] **UNITE DE TURBINE POUR INSTALLATION HYDRAULIQUE**

[72] PHAN, HAI TRIEU, FR

[72] LOISEAU, FABRICE, FR

[72] BOMBENGER, ANTOINE, FR

[71] GE RENEWABLE TECHNOLOGIES, FR

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[54] APPLICATION DE DIOXYDE DE CHLORE DANS DES PUITES SOUTERRAINS
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[72] VITTUR, BRANDON M., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] VTOL AERODYNE WITH SUPPORTING AXIAL BLOWER(S)
[54] AERODYNE VTOL A SOUFFLANTE(S) AXIALE(S) PORTEUSE(S)
[72] SIMON, JEAN-MICHEL, FR
[72] DOMINIAC, CHRISTOPHE, FR
[72] ANDRE, SEBASTIEN, FR
[71] HUTCHINSON, FR
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[54] DEVICE FOR PRECUTTING A COLUMN FOR A FLOOR
[54] DISPOSITIF DE PRE-DECOUPE D'UNE COLONNE POUR UN SOL
[72] QUESADA, EMMANUEL, FR
[71] SOLETANCHE FREYSSINET, FR
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[72] WOOD, JAMES, GB
[72] SCHNIER, GLADYS, GB
[71] WEIR GROUP IP LIMITED, GB
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[25] FR
[54] METHOD FOR THE PRODUCTION OF A COATED METAL SHEET, COMPRISING THE APPLICATION OF AN AQUEOUS SOLUTION CONTAINING AN AMINO ACID, AND ASSOCIATED USE IN ORDER TO IMPROVE CORROSION RESISTANCE
[54] PROCEDE DE PREPARATION D'UNE TOLE REVETUE COMPRENANT L'APPLICATION D'UNE SOLUTION AQUEUSE COMPRENANT UN AMINOACIDE ET UTILISATION ASSOCIEE POUR AMELIORER LA RESISTANCE A LA CORROSION
[72] RACHIELE, LYDIA, FR
[72] DERULE, HERVE, FR
[72] THAI, DELPHINE, FR
[71] ARCELORMITTAL, LU
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- [25] FR
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- [54] **PROCEDE DE PREPARATION D'UNE TOLE REVETUE COMPRENANT L'APPLICATION D'UNE SOLUTION AQUEUSE COMPRENANT UN AMINOACIDE ET UTILISATION ASSOCIEE POUR AMELIORER LA COMPATIBILITE AVEC UN ADHESIF**
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[72] DERULE, HERVE, FR
[72] THAI, DELPHINE, FR
[71] ARCELORMITTAL, LU
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[30] IB (PCT/IB2015/050723) 2015-01-30

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- [54] **PROCEDE DE PRODUCTION DE POLYMERES BROMES ET HALOHYDRATES**
- [72] HULL, JOHN W., JR., US
[72] KRAM, SHARI, US
[72] PORTER, MICHAEL ELIZABETH, US
[72] STOBBS, WILLIAM G., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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- [25] EN
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- [54] **ENSEMBLE BANDE D'ADHERENCE DE SEPARATION**
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[72] ERNST, GLEN, US
[72] HUANG, YIFANG, US
[72] BUCHLER, INGRID, US
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- [54] **SUSPENSION COLORANTE LIQUIDE ET COMPOSITION DE CIMENT COLOREE**
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[72] HEVENER, ERIC, US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[72] CHU, PING, CN
[72] OLOUGHILIN, NICK, US
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[71] SHARKNINJA OPERATING LLC, US
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- [54] **FILM DECORATIF ET ARTICLE INTEGRE A CELUI-CI**
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[72] SHIBAHARA, NORIHIRO, JP
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[72] LETZELTER, NATHALIE SOPHIE, GB
[72] CAUFIELD, LAURA JANE, GB
[72] BLYTH, KEVIN GRAHAM, GB
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[72] WU, HAI SHENG, CN
[72] LEBEDINSKI, NIKOLAY, US
[72] GRANDHEE, SUNITHA, US
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[54] PROCEDES DE PRODUCTION DE COMPOSITIONS LIQUIDES
[72] INGBRITT, JOHANSSON, SE
[72] LAWTHIER, MARK, SE
[72] MOYSON, BART, SE
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[72] LISZKAI, TAMAS, US
[72] XU, HEQIN, US
[72] SNYDER, MATTHEW, US
[72] KOSKI, WILLIAM, US
[71] NUSCALE POWER, LLC, US
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[54] COPOLYMERES A BLOCS ET LEUR UTILISATION POUR AMELIORER LES PROPRIETES A FROID DE CARBURANTS OU COMBUSTIBLES
[72] PREVOST, JULIE, FR
[72] HEROGUEZ, VALERIE, FR
[72] COLLETTE, FLORAINE, FR
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[54] NOUVELLE ASSOCIATION ENTRE LE 8-CYCLOPROPYL-3-[2-(3-FLUOROPHENYL)ETHYL]-7,8-DIHYDRO-3H-[1,3]OXAZINO[6,5-G][1,2,3]BENZOTRIAZINE-4,9-DIONE ET UN ANTIDEPRESSEUR ET LES COMPOSITIONS PHARMACEUTIQUES QUI LA CONTIENNENT
[72] BRETIN, SYLVIE, FR
[72] DANOBER, LAURENCE, FR
[72] LESTAGE, PIERRE, FR
[71] LES LABORATOIRES SERVIER, FR
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[54] **ELEMENT DE FIXATION MALE ANTI-FAUX FILET**
[72] GARVER, MICHAEL, US
[71] MATHREAD INCORPORATED, US
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[54] **SYSTEME DE FIXATION A FILETAGE ANTIFALSIFICATION**
[72] GARVER, MICHAEL, US
[71] MATHREAD INCORPORATED, US
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[54] **SATELLITE DEORBITING SYSTEM**
[54] **SYSTEME DE DESORBITATION DE SATELLITE**
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[72] DAMIANO, PATRICE, FR
[71] ARIANEGROUP SAS, FR
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[54] **CHASSIS COMPONENT, METHOD FOR PRODUCING SAME, AND USE**
[54] **ELEMENT DE CHASSIS, PROCEDE DE FABRICATION ET D'UTILISATION DUDIT ELEMENT DE CHASSIS**
[72] KLAUKE, PETER, DE
[72] DINTER, MELANIE, DE
[72] KLEINSCHMIDT, OLIVER, DE
[72] LEWE, TOBIAS, DE
[72] JENTSCH, KAI-UWE, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
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[54] **DISPOSITIF POUR DES PROCESSUS CONTROLES DE VENTILATION ET DE DURCISSEMENT**
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[72] WAEELTERMANN, RENE, DE
[72] DANIEL, MARC, DE
[71] BASF COATINGS GMBH, DE
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[72] MICHELIS, PATRIC, LU
[72] SAAD, MOUNIR, FR
[71] SOCIETE PLYMOUTH FRANCAISE, FR
[71] PLYVAPLAST S.A. R.L., LU
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[54] **INTEGRATEUR ELECTRONIQUE POUR CAPTEURS A BOBINE DE ROGOWSKI**
[72] VOS, MARTIN J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[72] TOOMS, STEPHEN, GB
[72] TROW, STUART, GB
[71] INVENIO SYSTEMS LIMITED, GB
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[54] PROCEDE DE PROJECTION DE GAZ FROID A L'AIDE D'UN MASQUE
[72] REZNIK, DANIEL, DE
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[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[71] PRIHODA S.R.O., CZ
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[54] DISPOSITIF DE MELANGE A POMPE D'ALIMENTATION INTEGREE
[72] GRIMM, UWE, DE
[72] GYSLER, PHILIPP, DE
[72] GASSENSCHMIDT, JORG, DE
[71] IKA - WERKE GMBH & CO. KG, DE
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[54] DISPOSITIF ET PROCEDE PERMETTANT D'AUGMENTER LA SECURITE DE MONTAGNES RUSSES ET/OU DE CARROUSELS
[72] HAUER, ROMAN, DE
[71] MACK RIDES GMBH & CO. KG, DE
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[25] EN
[54] TELESCOPIC FITMENT FOR A MAGNETIC FILTER
[54] ACCESSOIRE TELESCOPIQUE POUR FILTRE MAGNETIQUE
[72] DOWNIE, SIMON, GB
[72] PATTIAN, KASHIEM, GB
[71] ADEY HOLDINGS (2008) LIMITED, GB
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[54] CONCENTRES D'ADJUVANT AQUEUX AVEC PROPRIETES DE DERIVE DE PULVERISATION AMELIOREES
[72] DI MODUGNO, ROCCO, US
[72] REISS, JAMES DEAN, US
[72] EIDEM, BRADLEY, US
[72] LANGELLA, VALENTINA, IT
[72] RICCABONI, MAURO, IT
[72] FLORIDI, GIOVANNI, IT
[72] LI BASSI, GIUSEPPE, IT
[71] LAMBERTI S.P.A., IT
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[54] CONCENTRE D'ADJUVANT AGROCHIMIQUE POUR HERBICIDES
[72] DI MODUGNO, ROCCO, US
[72] REISS, JAMES DEAN, US
[72] EIDEM, BRADLEY, US
[72] FLORIDI, GIOVANNI, IT
[72] LI BASSI, GIUSEPPE, IT
[71] LAMBERTI S.P.A., IT
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[54] **DETECTION D'INTERFERENCE ET DECONVOLUTION DE PIC D'INTERET**
[72] IVOSEV, GORDANA, CA
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2017-08-03
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[25] EN
[54] **HEAT EXCHANGER ELEMENT AND METHOD FOR MANUFACTURING SUCH A HEAT EXCHANGER ELEMENT**
[54] **ELEMENT ECHANGEUR DE CHALEUR ET PROCEDE DE FABRICATION DUDIT ELEMENT ECHANGEUR DE CHALEUR**
[72] LOOMAN, LAMBERTUS
[71] WINTERWARM B.V., NL
[85] 2017-08-03
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[25] EN
[54] **APPARATUS FOR OBSTRUCTING AIR FLOW THROUGH AN APERTURE FOR A DUCT IN AN AIRCRAFT WING**
[54] **APPAREIL POUR BLOQUER UN FLUX D'AIR A TRAVERS UNE OUVERTURE POUR UN CONDUIT DANS UNE AILE D'AERONEF**
[72] GALLIEN, DANIEL, CA
[72] HUMPHRIS, RUSSELL COLN, CA
[72] LE, DUNG VAN, CA
[72] KHO, CEDRIC NGO, CA
[72] TATOSSIAN, CHARLES, CA
[71] BOMBARDIER INC., CA
[85] 2017-08-03
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[30] US (62/112,194) 2015-02-05

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[25] FR
[54] **DEVICE AND METHOD FOR DETERMINING THE LOSS ON IGNITION OF AT LEAST PART OF AN IRON AND STEEL PRODUCT**
[54] **DISPOSITIF ET PROCEDE DE PILOTAGE D'UN FOUR A PARTIR DE MESURES DE LA CALAMINE FORMEE**
[72] CHAN, YUEN YEE, FR
[72] MAGALHAES, JEAN-LUC, FR
[71] FIVES STEIN, FR
[85] 2017-08-03
[86] 2016-02-04 (PCT/IB2016/050567)
[87] (WO2016/125096)
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[13] A1

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[25] EN
[54] **CAPILLARY PROXIMITY HEATER WITH HIGH ENERGY SAVING EQUIPPED UPSTREAM OF A MICROFILTRATION APPARATUS FOR THE ELIMINATION OF CALCAREOUS PARTICLES PRESENT IN FLUIDS AND DOWNSTREAM OF A NOZZLE OR CLOSED CIRCUIT**
[54] **DISPOSITIF CHAUFFANT CAPILLAIRE DE PROXIMITE A HAUTE ECONOMIE D'ENERGIE EQUIPE EN AMONT D'UN APPAREIL DE MICROFILTRATION POUR L'ELIMINATION DE PARTICULES CALCAIRES PRESENTES DANSDES FLUIDES ET EN AVAL D'UNE BUSE OU D'UN CIRCUIT FERME**
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[72] BELLINIA, SILVIO, IT
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[72] NARDARI, RAPHAEL GERARD CHRISTIAN, US
[72] LADPLI, PURIM, US
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[72] JOVENALL, JEREMY, US
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[72] WILLSON, RODNEY JOSEPH, US
[71] BARTELL MACHINERY SYSTEMS, L.L.C., US
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[72] FIORINO, ALESSANDRO, CH
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[72] QUAST, FABIAN, DE
[72] WEYDANZ, WOLFGANG, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[72] WEYLAND, TANIA, FR

[71] BASF SE, DE

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[72] SABRY, EMAD, CH

[71] VAPOMED LIMITED, BS

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[72] GUPTA, AKASH, IN

[72] HOELTGEN, WOLFGANG KURT, DE

[72] KOHIL, SAMAY, IN

[72] KEJRIWAL, GAURAV, IN

[72] CHOUDHARY, SRIJAN, IN

[72] AGRAWAL, TUSHAR, IN

[72] SWARNIK, IN

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[72] COJOCARU, CRINA MARIA, ES

[72] SOLA LARRANAGA, INIGO JUAN, ES

[72] ROMERO MUNIZ, ROSA MARIA, PT

[72] MAIA DA SILVA, FRANCISCO JOSE, PT

[72] PAIVA REBELO CEREJO CRESPO, HELDER MANUEL, PT

[71] UNIVERSITAT POLITÈCNICA DE CATALUNYA, ES

[71] UNIVERSIDAD DE SALAMANCA, ES

[71] SPHERE ULTRAFast PHOTONICS, SA, PT

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- [54] PROCEDE PERMETTANT D'AUGMENTER LA TENEUR EN OXYDE DE TITANE DANS LE LAITIER PRODUIT EN CONNEXION AVEC LA FUSION AU FOUR ELECTRIQUE DE TITANOMAGNETITE
- [72] MAKILA, PASI, FI
[72] SAARENMAA, JARMO, FI
[72] PISILA, SAULLI, FI
[72] PALOVAARA, PETRI, FI
[71] OUTOTEC (FINLAND) OY, FI
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[71] ICAFIL BEST SPA INDUSTRIA FILATI, IT
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- [72] CIMATTI, CARLO ALBERTO, IT
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[71] NOVA PATENT B.V., NL
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[72] PERSICO, GIULIANO, DE
[72] FRETAG, HOLGER, DE
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[72] REICHERT, SWETLANA, DE
[72] SIEVERS, UORIN, DE
[72] KRALJIC, MIROSLAV, DE
[71] CHEMETALL GMBH, DE
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[72] MAYER, STEFFEN, DE
[71] ROBOMOTION GMBH, DE
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[72] STUTTNER, MARTIN, DE

[72] THIEL, VASCO, DE

[72] FUCHS ALAMBIDA, STEFANIE, DE

[72] VOSS, STEFFEN, DE

[71] HERAEUS DEUTSCHLAND GMBH & CO. KG, DE

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[72] GRANOZO, LUZ, CH

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[72] VAN DER WAAL, JAN CORNELIS, NL

[72] BOOT, MICHAEL DIRK, NL

[71] AVANTUM KNOWLEDGE CENTRE B.V., NL

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[54] **ELIMINATION SYNERGIQUE DE SALISSURES PROTEINIQUES AU MOYEN D'UNE NOUVELLE COMBINAISON DE CHELATEURS**

[72] MEIER, TIMOTHY, US

[72] DOTZAUER, DAVID, US

[72] FOSTER, TOBIAS NEIL, DE

[72] MANSERGH, JOHN, US

[71] ECOLAB USA INC., US

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[54] **SYSTEME DE COMBUSTION A VOLUME CONSTANT POUR TURBOMACHINE DE MOTEUR D'AERONEF**

[72] TALIERCIO, GUILLAUME, FR

[72] VIGUIER, CHRISTOPHE NICOLAS HENRI, FR

[71] SAFRAN HELICOPTER ENGINES, FR

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[54] **PLAQUE D'INTERCONNEXION POUR UNE PILE A COMBUSTIBLE A OXYDE SOLIDE FONCTIONNANT A BASSE TEMPERATURE**

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[72] SELCUK, AHMET, GB

[71] CERES INTELLECTUAL PROPERTY COMPANY, GB

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- [72] URQUIOLA, MARIA DEL MAR, ES
- [71] INNCEINMAT, S.L., ES
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- [71] USG INTERIORS, LLC, US
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- [72] UENO, TAKAHITO, JP
- [72] NAKAMURA, YUUKI, JP
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- [72] KOEROGHLIAN, MARK M., US
- [71] ORBITAL TRACTION, LTD., US
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- [72] BAILLIARD, LAURENT, FR
- [72] DEVELAY, LOUIS, FR
- [72] DUPONT-MADINIER, EDOUARD, FR
- [72] HERBAULT, PATRICK, FR
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- [54] ROTARY VALVE ASSEMBLY
- [54] ENSEMBLE DE VANNE ROTATIVE
- [72] TOLBERT, JOSHUA A., US
- [72] TOLBERT, BENJAMIN J., US
- [71] MICROSTEAM, INC., US
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[13] A1

[51] **Int.Cl. C22F 1/18 (2006.01) B22D 7/00 (2006.01) C22C 1/02 (2006.01) C22F 1/02 (2006.01) C22C 14/00 (2006.01)**

[25] EN

[54] **METHODS FOR PRODUCING TITANIUM AND TITANIUM ALLOY ARTICLES**

[54] **PROCEDES POUR PRODUIRE DES ARTICLES EN TITANE ET ALLIAGE DE TITANE**

[72] KENNEDY, RICHARD L., US

[72] DAVIS, ROBERT M., US

[72] BRADLEY, REX W., US

[72] FORBES JONES, ROBIN M., US

[71] ATI PROPERTIES LLC, US

[85] 2017-08-09

[86] 2016-02-08 (PCT/US2016/016983)

[87] (WO2016/130470)

[30] US (62/114,194) 2015-02-10

[21] **2,976,328**
[13] A1

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[54] **POLYESTER PRODUCTS**

[54] **PRODUITS DE POLYESTER**

[72] HURENKAMP, JOHANNES HENRICUS, NL

[72] ROELOFS, JULES CASPAR ALBERT ANTON, NL

[72] MARISSSEN, JEROEN, NL

[71] HOLLAND COLOURS N.V., NL

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[54] **TOOTHED SPROCKET HUB WITH ELASTIC CENTERING ELEMENT**

[54] **MOYEU DE PIGNON DENTE AYANT UN ELEMENT DE CENTRAGE ELASTIQUE**

[72] CODY, MICHAEL, US

[71] GATES CORPORATION, US

[85] 2017-08-10

[86] 2016-02-04 (PCT/US2016/016489)

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[54] **RIB RECONSTRUCTION DEVICE**

[54] **DISPOSITIF DE RECONSTRUCTION DE COTE**

[72] SMITS, AARON, US

[72] BAVIER, BRETT, US

[72] COURTNEY, MEGAN, US

[71] BIOMET MANUFACTURING, LLC, US

[85] 2017-08-10

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[54] **COLOR STABLE RED-EMITTING PHOSPHORS**

[54] **PHOSPHORES EMETTANT DANS LE ROUGE STABLES EN COULEUR**

[72] MURPHY, JAMES EDWARD, US

[72] SISTA, SRINIVAS PRASAD, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2017-08-10

[86] 2016-01-12 (PCT/US2016/012925)

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[54] **TIME DELAY TOE SLEEVE**

[54] **MANCHON DE BOUT A RETARD**

[72] BACSIK, RYAN R., US

[72] BRASSEAU, JASON J., US

[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US

[85] 2017-08-10

[86] 2016-02-12 (PCT/US2016/017658)

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[25] EN

[54] **OVERCOMING THE RETARDATION OF CEMENT HYDRATION FROM DISPERSING AGENTS USED IN SUSPENSION OF ADDITIVES**

[54] **PROCEDE POUR SURMONTER LE RETARD DE L'HYDRATATION DU CIMENT A PARTIR D'AGENTS DE DISPERSION UTILISES DANS UNE SUSPENSION D'ADDITIFS**

[72] PEARL, WILLIAM CECIL, JR., US

[72] RAO, KRISHNA, US

[72] DIAS TOLEDO FILHO, ROMILDO, US

[72] MENDOZA REALES, OSCAR, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2017-08-10

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[25] EN
[54] SYSTEM FOR FORMING ELASTOMERIC COMPOSITIONS FOR APPLICATION TO METAL.
[54] SYSTEME PERMETTANT DE FORMER DES COMPOSITIONS ELASTOMERES POUR APPLICATION A UN METAL.
[72] CAILLOUETTE, LYLE, US
[72] PHELPS, DAVID R., US
[72] SMITH, STEPHEN, US
[72] GUST, KARI, US
[71] BASF SE, DE
[85] 2017-08-10
[86] 2016-02-10 (PCT/US2016/017324)
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[30] US (62/116,687) 2015-02-16

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[51] Int.Cl. E21B 33/14 (2006.01) E21B 47/047 (2012.01) E21B 33/13 (2006.01) E21B 47/09 (2012.01)
[25] EN
[54] DYNAMIC SENSING OF THE TOP OF CEMENT (TOC) DURING CEMENTING OF A WELL CASING IN A WELL BORE
[54] DETECTION DYNAMIQUE DE LA PARTIE SUPERIEURE DE CIMENT (TOC) LORS DE LA CIMENTATION D'UN TUBAGE DE Puits DANS UN Puits DE FORAGE
[72] RAVI, KRISHNA M., US
[72] ROBERSON, MARK W., US
[72] GOODWIN, SCOTT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-08-10
[86] 2015-03-20 (PCT/US2015/021786)
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[21] 2,976,346
[13] A1
[51] Int.Cl. B32B 27/00 (2006.01) B42D 25/387 (2014.01) B32B 39/14 (2006.01) C09K 9/00 (2006.01) G01J 1/48 (2006.01) G01J 1/50 (2006.01)
[25] EN
[54] PRINTED MULTILAYER POLYMERIC FILMS AND METHODS OF MANUFACTURE AND USE THEREOF
[54] FILMS POLYMERES MULTICOUCHES IMPRIMES, PROCEDES DE FABRICATION ET D'UTILISATION DE CES DERNIERS
[72] SURYANARAYANAN, RAJESH, US
[72] BOEKELOO, JEFFREY, US
[71] PRINTPACK ILLINOIS, INC., US
[85] 2017-08-10
[86] 2016-02-11 (PCT/US2016/017444)
[87] (WO2016/137750)
[30] US (62/119,777) 2015-02-23

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[25] EN
[54] METHOD AND SYSTEM FOR TRANSPORTATION RESOURCE GROUPING AND REALLOCATION
[54] PROCEDE ET SYSTEME DE GROUPEMENT ET DE REAFFECTATION DE RESSOURCES DE TRANSPORT
[72] SMITH, CLINT, US
[72] SMITH, SAMUEL, US
[72] GANLEY, DECLAN, IE
[71] ARIENT, LLC, US
[85] 2017-08-10
[86] 2016-02-11 (PCT/US2016/017468)
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[21] 2,976,351
[13] A1
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[25] EN
[54] SEAL FOR SOLID POLYMER ELECTROLYTE FUEL CELL
[54] JOINT POUR PILE A COMBUSTIBLE A ELECTROLYTE SOLIDE A BASE DE POLYMERE
[72] STEWART, IAN, CA
[72] MCGOWAN, DARCY, CA
[72] GALLAGHER, EMERSON, CA
[71] BALLARD POWER SYSTEMS INC., CA
[85] 2017-08-10
[86] 2016-02-11 (PCT/US2016/017516)
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[30] US (62/115,548) 2015-02-12

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[13] A1
[51] Int.Cl. E21B 47/02 (2006.01) G01V 3/18 (2006.01)
[25] EN
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[54] PROCEDES DE TELEMETRIE D'EXCITATION DE SURFACE ET SYSTEMES UTILISANT UN AGENCEMENT DE MISE A LA TERRE PERSONNALISE
[72] AHMADI, KALATEH AHMAD, AKRAM, US
[72] WU, HSU-HSIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-08-10
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[25] EN

[54] **MODULAR LINK CONVEYOR WITH FEATURES FOR ENHANCING THE EFFICIENT CONVEYANCE OF ARTICLES**

[54] **CONVOYEUR A MAILLONS MODULAIRES AVEC DES CARACTERISTIQUES DESTINEES A AMELIORER LE TRANSPORT EFFICACE D'ARTICLES**

[72] FYE, STEPHEN C., US

[72] LAYNE, JAMES L., US

[72] BARBOUR, SCOTT DAYTON, US

[71] SPAN TECH LLC, US

[85] 2017-08-10

[86] 2016-02-23 (PCT/US2016/019155)

[87] (WO2016/138010)

[30] US (62/119,634) 2015-02-23

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[13] A1

[51] **Int.Cl. E21B 10/32 (2006.01) E21B 17/10 (2006.01)**

[25] EN

[54] **BOTTOMHOLE ASSEMBLY**

[54] **ENSEMBLE DE FOND DE Puits**

[72] JEFFRYES, BENJAMIN PETER, GB

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2017-08-10

[86] 2016-02-12 (PCT/US2016/017705)

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[13] A1

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[25] EN

[54] **NUCLEAR FUEL PEBBLE AND METHOD OF MANUFACTURING THE SAME**

[54] **BOULET DE COMBUSTIBLE NUCLEAIRE ET SON PROCEDE DE FABRICATION**

[72] PAPPANO, PETER, US

[72] VAN STADEN, MARTIN PETER, US

[71] X-ENERGY, LLC, US

[85] 2017-08-10

[86] 2016-02-18 (PCT/US2016/018500)

[87] (WO2016/134163)

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[30] US (15/044,706) 2016-02-16

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[21] **2,976,402**
[13] A1

[51] **Int.Cl. G01N 15/10 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR DISPENSING PARTICLES IN FREE-FLYING DROPS ALIGNED USING AN ACOUSTIC FIELD**

[54] **APPAREIL ET METHODE DE DISTRIBUTION DE PARTICULES DANS LES GOUTTES EN VOL LIBRE ALIGNEES AU MOYEN DE CHAMP ACOUSTIQUE**

[72] SCHOENDUBE, JONAS, DE

[72] LEIBACHER, IVO, CH

[71] CYTENA GMBH, DE

[85] 2017-08-10

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[51] **Int.Cl. F04B 49/22 (2006.01) E03B 5/02 (2006.01) E03F 5/22 (2006.01)**

[25] EN

[54] **PUMP SYSTEM**

[54] **DISPOSITIF DE STOCKAGE D'ENERGIE BIOELECTROCHIMIQUE ET PROCEDE DE STOCKAGE D'ENERGIE BIOELECTROCHIMIQUE**

[72] SPEIJERS, SAM, NL

[71] RIO BOXX HOLDING B.V., NL

[85] 2017-08-11

[86] 2016-02-08 (PCT/NL.2016/050091)

[87] (WO2016/129999)

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[13] A1

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[25] EN

[54] **METHOD FOR MANUFACTURING INDUCTIVELY HEATABLE TOBACCO RODS**

[54] **PROCEDE DE FABRICATION DE TIGES DE TABAC POUVANT ETRE CHAUFFEES PAR INDUCTION**

[72] PRESTIA, IVAN, IT

[72] SANNA, DANIELE, CH

[72] AGOSTINI, CHRISTIAN, IT

[72] BALBONI, ALESSANDRO, IT

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2017-08-11

[86] 2016-05-19 (PCT/EP2016/061169)

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[25] EN

[54] SYSTEM AND METHOD TO OBJECTIVELY MEASURE QUALITY ASSURANCE IN ANATOMIC PATHOLOGY
[54] SYSTEME ET PROCEDE DE MESURE OBJECTIVE D'ASSURANCE QUALITE EN ANATOMIE PATHOLOGIQUE

[72] MARKIN, RODNEY S., US

[72] PRIEBE, MARK L., US

[71] PRAIRIE VENTURES, LLC, US

[85] 2017-08-11

[86] 2016-02-12 (PCT/US2016/017668)

[87] (WO2016/130879)

[30] US (62/115,996) 2015-02-13

[30] US (14/826,962) 2015-08-14

[30] US (62/237,816) 2015-10-06

[21] 2,976,457
[13] A1

[51] Int.Cl. G06F 19/00 (2011.01) G06F 17/50 (2006.01)

[25] EN

[54] METHOD AND SYSTEM TO ENHANCE COMPUTATIONS FOR A PHYSICAL SYSTEM

[54] PROCEDE ET SYSTEME D'AMELIORATION DE CALCULS POUR UN SYSTEME PHYSIQUE

[72] SAMPATHI, RAHUL S., US

[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US

[85] 2017-08-11

[86] 2015-11-06 (PCT/US2015/059496)

[87] (WO2016/130185)

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[13] A1

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[25] EN

[54] IMPLANTABLE DEVICES AND RELATED METHODS FOR HEART FAILURE MONITORING

[54] DISPOSITIFS IMPLANTABLES ET PROCEDES ASSOCIES DESTINES A LA SURVEILLANCE D'UNE INSUFFISANCE CARDIAQUE

[72] GIFFORD, HANSON S., III, US

[72] DEEM, MARK E., US

[72] MORRIS, JOHN, US

[72] SUTTON, DOUGLAS S., US

[72] GRAINGER, JEFFERY J., US

[72] RAJASEKHAR, VIJAYKUMAR, US

[71] FOUNDRY INNOVATION & RESEARCH I, LTD., IE

[85] 2017-08-11

[86] 2016-02-12 (PCT/US2016/017902)

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[30] US (62/115,435) 2015-02-12

[30] US (62/157,331) 2015-05-05

[30] US (62/172,516) 2015-06-08

[21] 2,976,516
[13] A1

[51] Int.Cl. A61B 34/20 (2016.01)

[25] EN

[54] NAVIGATIONAL FEEDBACK FOR INTRAOPERATIVE WAYPOINT

[54] RETROACTION DE NAVIGATION POUR POINT DE CHEMINEMENT PEROPERATOIRE

[72] JAGGA, VICTOR, CA

[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB

[85] 2017-08-14

[86] 2015-07-27 (PCT/CA2015/050706)

[87] (WO2017/015738)

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[13] A1

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[25] EN

[54] MULTIPLE PLAYER WAGERING GAME SYSTEMS AND METHODS WITH PLAYER ACTION RANDOMNESS

[54] SYSTEMES ET PROCEDES DE JEU DE PARI MULTIJOUeurs UTILISANT LE CARACTERE ALEATOIRE D'ACTION DE JOUEUR

[72] MAHASUVERACHAI, SAK, TH

[71] MAHASUVERACHAI, SAK, TH

[85] 2017-08-11

[86] 2016-02-01 (PCT/US2016/015901)

[87] (WO2016/130348)

[30] US (62/115,796) 2015-02-13

[21] 2,976,527
[13] A1

[51] Int.Cl. E21C 35/04 (2006.01) E21C 35/24 (2006.01) E21D 23/16 (2006.01) E21F 5/00 (2006.01) E21F 9/00 (2006.01)

[25] EN

[54] CONTROL UNIT FOR MINING MACHINE

[54] UNITE DE COMMANDE POUR MACHINE D'EXPLOITATION MINIERE

[72] POGATSCHNIGG, REINHOLD, AT

[72] UMUNDUM, CHRISTIAN, AT

[71] SANDVIK INTELLECTUAL PROPERTY AB, SE

[85] 2017-08-14

[86] 2015-04-01 (PCT/EP2015/057230)

[87] (WO2016/155821)

[21] 2,976,547
[13] A1

[51] Int.Cl. E21B 17/07 (2006.01) E21B 17/03 (2006.01) E21B 19/086 (2006.01)

[25] EN

[54] EXTENDABLE CYLINDER, DRILL HEAD, AND METHOD

[54] CYLINDRE TELESCOPIQUE, TETE DE FORAGE ET PROCEDE

[72] FELBER, ROBERT, AT

[72] GALLER, THOMAS, AT

[72] HABERER, CHRISTOPH, AT

[71] SANDVIK INTELLECTUAL PROPERTY AB, SE

[85] 2017-08-14

[86] 2015-04-02 (PCT/EP2015/057303)

[87] (WO2016/155833)

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[13] A1

[51] **Int.Cl. G01M 15/00 (2006.01) B64F 5/00 (2017.01) G01N 21/954 (2006.01) G02B 23/24 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR REMOTELY INSPECTING THE STATE OF AN AIRCRAFT ENGINE**

[54] **PROCEDE ET DISPOSITIF DE CONTROLE DE L'ETAT D'UN MOTEUR D'AVION A DISTANCE**

[72] REMOND, FLORIE, FR
[72] GUERIN, ERWAN, FR
[72] GUYENNE, JADE, FR
[72] LHERMENTIER, BERNARD, FR
[72] SQUEDIN, SYLVAIN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-08-14
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[87] (WO2016/135402)
[30] FR (15 51523) 2015-02-23

[21] 2,976,592
[13] A1

[51] **Int.Cl. A61C 7/00 (2006.01) A61C 7/08 (2006.01)**

[25] EN

[54] **PRIMER ALIGNER STAGES FOR LAG ISSUE RESOLUTION IN LOW-STAGE CLEAR ALIGNER TREATMENTS**

[54] **ETAPES POUR ELEMENTS D'ALIGNEMENT D'AMORCE AFIN DE RESOUDRE LE PROBLEME DE RETARD DANS LES TRAITEMENTS PAR ELEMENTS D'ALIGNEMENT TRANSPARENTS INFERIEURS**

[72] MORTON, JOHN, US
[72] MAURA, ANGELO, US
[72] DERAKHSHAN, MITRA, US
[71] ALIGN TECHNOLOGY, INC., US
[85] 2017-08-14
[86] 2016-02-23 (PCT/IB2016/000167)
[87] (WO2016/135548)
[30] US (62/119,728) 2015-02-23

[21] 2,976,602
[13] A1

[51] **Int.Cl. A61B 5/024 (2006.01) A61B 5/046 (2006.01) A61B 5/11 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR PRODUCING INFORMATION INDICATIVE OF CARDIAC MALFUNCTIONS**

[54] **PROCEDE ET APPAREIL POUR PRODUIRE DES INFORMATIONS FAISANT ETAT DE DYSFONCTIONNEMENTS CARDIAQUES**

[72] KOIVISTO, TERO, FI
[72] VALTONEN, TUOMAS, FI
[72] PANKAALA, MIKKO, FI
[72] HUURANEN, TERO, FI
[72] KUUSELA, TOM, FI
[71] PRECORDIOR OY, FI
[85] 2017-08-14
[86] 2016-02-26 (PCT/FI2016/050121)
[87] (WO2016/142575)
[30] FI (20155160) 2015-03-11

[21] 2,976,584
[13] A1

[51] **Int.Cl. G06K 19/077 (2006.01)**

[25] FR

[54] **METHOD FOR PRODUCING A RADIOFREQUENCY DEVICE WITH A PASSIVE WIRE ANTENNA**

[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF RADIOFREQUENCE A ANTENNE PASSIVE FILAIRE**

[72] GASPARI, SEBASTIEN, FR
[72] CUNY, YVES, FR
[72] LACAZE, BRIGITTE, FR
[72] SEBAN, FREDERICK, FR
[71] GEMALTO SA, FR
[85] 2017-08-14
[86] 2016-02-11 (PCT/EP2016/052931)
[87] (WO2016/139041)
[30] EP (15305315.2) 2015-03-02

[21] 2,976,598
[13] A1

[51] **Int.Cl. E21B 10/24 (2006.01)**

[25] EN

[54] **CUTTER FOR BORING HEAD**

[54] **DISPOSITIF DE COUPE POUR TETE DE FORAGE**

[72] LINDBLOM, ANDERS, SE
[72] LOIKKANEN, JOONA, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-08-14
[86] 2016-02-25 (PCT/EP2016/053961)
[87] (WO2016/150643)
[30] EP (15160819.7) 2015-03-25

[21] 2,976,630
[13] A1

[51] **Int.Cl. G07C 5/08 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR GENERATING AND OUTPUTTING TEST DRIVE SCRIPTS FOR VEHICLES**

[54] **PROCEDES ET SYSTEMES DE PRODUCTION ET DE DELIVRANCE EN SORTIE DE SCRIPTS DE CONDUITE DE TEST POUR VEHICULES**

[72] CACABELOS, KAHILIL H., US
[72] BROZOVICH, ROY S., US
[72] MORG, PATRICK S., US
[72] THIERYOT, MARK C., US
[71] SNAP-ON INCORPORATED, US
[85] 2017-08-14
[86] 2016-02-03 (PCT/US2016/016432)
[87] (WO2016/137702)
[30] US (14/631,689) 2015-02-25

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[13] A1
[51] Int.Cl. A61G 5/06 (2006.01) A61G 5/10 (2006.01)
[25] EN
[54] STEP-CLIMBING ATTACHMENT FOR A WHEELED CHAIR
[54] ACCESSOIRE PERMETTANT A UN FAUTEUIL ROULANT DE FRANCHIR UNE MARCHE
[72] BEHRENS, MICHAEL, AU
[71] MOBILITY 2000 (AUSTRALIA) LIMITED, AU
[71] UNIVERSITY OF TECHNOLOGY, SYDNEY, AU
[85] 2017-08-15
[86] 2016-02-16 (PCT/AU2016/050100)
[87] (WO2016/131095)
[30] AU (2015900509) 2015-02-16

[21] 2,976,660
[13] A1
[51] Int.Cl. E21B 33/12 (2006.01) E21B 34/06 (2006.01) E21B 43/12 (2006.01)
[25] EN
[54] DISINTEGRATING PLUGS TO DELAY PRODUCTION THROUGH INFLOW CONTROL DEVICES
[54] BOUCHONS DESINTEGRABLES POUR RETARDER LA PRODUCTION A TRAVERS DES DISPOSITIFS DE REGULATION DE FLUX ENTRANT
[72] CARREJO, NICHOLAS, US
[72] HIGHTOWER, ADRIANA, US
[72] ABDELFAITAH, TARIK, US
[72] MACKLIN, NADINE, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-08-14
[86] 2016-02-15 (PCT/US2016/017956)
[87] (WO2016/133846)
[30] US (62/116,802) 2015-02-16
[30] US (15/043,096) 2016-02-12

[21] 2,976,676
[13] A1
[51] Int.Cl. G06F 21/62 (2013.01) G06Q 10/10 (2012.01) G06F 17/21 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR SECURE COLLABORATION WITH PRECISION ACCESS MANAGEMENT
[54] SYSTEMES ET PROCEDES POUR UNE COLLABORATION SECURISEE AVEC UNE GESTION D'ACCES DE PRECISION
[72] SCHMAHMANN, ADIN REICIN, US
[71] SCHMAHMANN, ADIN REICIN, US
[85] 2017-08-14
[86] 2016-02-15 (PCT/US2016/017983)
[87] (WO2016/131044)
[30] US (62/116,553) 2015-02-15

[21] 2,976,691
[13] A1
[51] Int.Cl. A61B 5/00 (2006.01) A61B 5/01 (2006.01) A61B 5/1455 (2006.01)
[25] FR
[54] NON-INVASIVE METHOD FOR MEASURING A PHYSIOLOGICAL PARAMETER VIA A CONFOCAL SPECTROSCOPIC MEASUREMENT DEVICE
[54] PROCEDE DE MESURE NON INVASIF D'UN PARAMETRE PHYSIOLOGIQUE AU MOYEN D'UN DISPOSITIF DE MESURE SPECTROSCOPIQUE CONFOCAL
[72] ZORMAN, SYLVAIN, FR
[72] FROUIN, PIERRE-YVES, FR
[71] BIOSERENITY, FR
[85] 2017-08-15
[86] 2016-02-15 (PCT/EP2016/053151)
[87] (WO2016/131763)
[30] FR (1551336) 2015-02-17

[21] 2,976,699
[13] A1
[51] Int.Cl. G01V 9/00 (2006.01)
[25] EN
[54] PALEOGEOGRAPHIC RECONSTRUCTION OF AN AREA OF THE EARTH CRUST
[54] RECONSTRUCTION PALEOGEOGRAPHIQUE D'UNE ZONE DE LA CROUTE TERRESTRE
[72] KUIHN, PHILIPP, NL
[72] ROSS, MALCOLM, US
[72] VAN OOSTERHOUT, CORNELIS WILHELMUS MARIA, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-08-14
[86] 2016-03-04 (PCT/US2016/020912)
[87] (WO2016/144763)
[30] EP (15157917.4) 2015-03-06
[30] EP (16156387.9) 2016-02-18

[21] 2,976,737
[13] A1
[51] Int.Cl. G21K 5/08 (2006.01) G21K 5/04 (2006.01) G21K 1/093 (2006.01)
[25] FR
[54] IRRADIATING SYSTEM INCLUDING A TARGET-HOLDER MOUNTING IN A RADIATION-PROTECTION ENCLOSURE AND A DEVICE FOR DEFLECTING AN IRRADIATION BEAM
[54] SYSTEME D'IRRADIATION COMPORTANT UN SUPPORT DE CIBLERIES DANS UNE ENCEINTE DE RADIOPROTECTION ET UN DISPOSITIF DE DEFLECTION DE FAISCEAU D'IRRADIATION
[72] MASSE, NICOLAS, FR
[72] TANNOURY, NANCY, FR
[72] PEREZ DELAUME, ALAIN, FR
[71] P M B, FR
[85] 2017-08-15
[86] 2016-03-24 (PCT/FR2016/050652)
[87] (WO2016/151254)
[30] FR (1552510) 2015-03-25

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[21] **2,976,749**
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/00 (2006.01) A61B 18/02 (2006.01)**

[25] EN

[54] **ABLATION CATHETER AND ABLATION APPARATUS**

[54] **CATHETER D'ABLATION ET APPAREIL D'ABLATION**

[72] PERFLER, ENRICO, IT

[71] ATRICATH S.P.A., IT

[85] 2017-08-15

[86] 2015-03-18 (PCT/IB2015/051998)

[87] (WO2015/140741)

[30] IT (MI2014A000467) 2014-03-20

[21] **2,976,767**
[13] A1

[51] **Int.Cl. A61B 5/145 (2006.01)**

[25] EN

[54] **ELECTROCHEMICAL SENSOR FOR A BANDAGE TYPE OF CONTINUOUS GLUCOSE MONITORING SYSTEM**

[54] **CAPTEUR ELECTROCHIMIQUE POUR SYSTEME DE SURVEILLANCE DE GLUCOSE EN CONTINU DE TYPE BANDAGE**

[72] LIU, ZHENGGUO, US

[72] OTIS, BRIAN, US

[72] WASSON, JACLYN LEVERIETT, US

[72] BIEDERMAN, WILLIAM JAMES, US

[71] VERILY LIFE SCIENCES LLC, US

[85] 2017-08-15

[86] 2016-02-15 (PCT/US2016/017946)

[87] (WO2016/133841)

[30] US (62/116,645) 2015-02-16

[21] **2,976,775**
[13] A1

[51] **Int.Cl. G01S 5/00 (2006.01) H04W 64/00 (2009.01) G01S 19/51 (2010.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR PROVIDING ENHANCED LOCATION BASED TRILATERATION**

[54] **PROCEDE ET SYSTEME DE LOCALISATION AMELIOREE SELON LA TRILATERATION**

[72] SMITH, CLINT, US

[72] SURAMPUDI, PURNIMA, US

[71] RIVADA RESEARCH, LLC, US

[85] 2017-08-15

[86] 2016-01-13 (PCT/US2016/013235)

[87] (WO2016/115242)

[30] US (62/102,853) 2015-01-13

[30] US (14/993,618) 2016-01-12

[21] **2,976,777**
[13] A1

[51] **Int.Cl. G06F 9/445 (2006.01) H04M 1/725 (2006.01)**

[25] EN

[54] **CONTEXT SENSITIVE FRAMEWORK FOR PROVIDING DATA FROM RELEVANT APPLICATIONS**

[54] **CADRE D'APPLICATIONS SENSIBLE AU CONTEXTE PERMETTANT DE FOURNIR DES DONNEES EN PROVENANCE D'APPLICATIONS APPROPRIEES**

[72] EVANS, ETHAN ZANE, US

[71] AMAZON TECHNOLOGIES, INC., US

[85] 2017-08-15

[86] 2016-02-17 (PCT/US2016/018249)

[87] (WO2016/134007)

[30] US (14/623,913) 2015-02-17

[30] US (14/623,893) 2015-02-17

[30] US (14/623,875) 2015-02-17

[30] US (14/623,903) 2015-02-17

[21] **2,976,809**
[13] A1

[51] **Int.Cl. H05C 1/00 (2006.01) F41B 15/00 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR A CONDUCTED ELECTRICAL WEAPON**

[54] **METHODE ET APPAREIL PORTANT SUR UNE ARME ELECTRIQUE CONDUCTRICE**

[72] HANDEL, STEPHEN D., US

[72] BRUNDULA, STEVEN N. D., US

[72] NERHEIM, MAGNE H., US

[71] AXON ENTERPRISE, INC., US

[85] 2017-08-17

[86] 2016-04-05 (PCT/US2016/026056)

[87] (2976809)

[30] US (15/050,836) 2016-02-23

[21] **2,976,831**
[13] A1

[51] **Int.Cl. G06F 21/55 (2013.01) G06Q 10/06 (2012.01) G05B 23/02 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR RESPONDING TO A CYBER-ATTACK-RELATED INCIDENT AGAINST AN INDUSTRIAL CONTROL SYSTEM**

[54] **SYSTEME ET PROCEDE DE REPONSE A UN INCIDENT LIE A UNE CYBER-ATTAQUE SUBIE PAR UN SYSTEME DE COMMANDE INDUSTRIEL**

[72] DEWITTE, PAULA, US

[72] VIEIRA, AITOR COUCE, NO

[72] HOUMB, SIV HILDE, US

[71] SECURE-NOK AS, NO

[85] 2017-08-16

[86] 2016-02-24 (PCT/EP2016/053851)

[87] (WO2016/139097)

[30] EP (15157569.3) 2015-03-04

[21] **2,976,832**
[13] A1

[51] **Int.Cl. D06M 11/00 (2006.01) B01D 39/08 (2006.01) D06M 11/13 (2006.01) D06M 11/65 (2006.01) D06M 13/148 (2006.01) D06M 13/188 (2006.01) D06M 13/352 (2006.01) D06M 13/368 (2006.01) D06M 13/463 (2006.01) D06M 13/513 (2006.01) D06M 15/03 (2006.01) D06M 15/61 (2006.01)**

[25] EN

[54] **TEXTILES HAVING ANTIMICROBIAL PROPERTIES**

[54] **TEXTILES AYANT DES PROPRIETES ANTIMICROBIENNES**

[72] SWAMY, ROHINI, IN

[72] SWAMY, SANJEEV, CH

[71] GREEN IMPACT HOLDING AG, CH

[85] 2017-08-16

[86] 2016-02-29 (PCT/EP2016/054245)

[87] (WO2016/135344)

[30] EP (15000574.2) 2015-02-27

[30] EP (15203186.0) 2015-12-30

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[13] A1
[51] Int.Cl. G01N 27/333 (2006.01) G01N 33/18 (2006.01)
[25] EN
[54] PHOSPHATE ELECTRODE AND A METHOD FOR DETERMINING THE PHOSPHATE CONCENTRATION
[54] ELECTRODE AU PHOSPHATE ET PROCEDE DE DETERMINATION DE LA CONCENTRATION DE PHOSPHATE
[72] WEGNER, LARS H, DE
[71] AQSEPTENCE GROUP GMBH, DE
[85] 2017-08-16
[86] 2016-03-02 (PCT/EP2016/054360)
[87] (WO2016/139218)
[30] DE (10 2015 102 945.6) 2015-03-02

[21] 2,976,841
[13] A1
[51] Int.Cl. B23K 31/02 (2006.01) B23K 9/02 (2006.01) B23K 26/26 (2014.01)
[25] EN
[54] METHOD FOR PRODUCING A WELDED RING
[54] METHODE DE PRODUCTION DE BAGUE SOUDEE
[72] MIESSMER, STEFAN, CH
[71] OETIKER SCHWEIZ AG, CH
[85] 2017-06-28
[86] 2016-11-04 (PCT/EP2016/076644)
[87] (2976841)
[30] DE (10 2016 103 571.8) 2016-02-29

[21] 2,976,862
[13] A1
[51] Int.Cl. A43B 7/34 (2006.01) A43B 7/00 (2006.01) A43B 7/02 (2006.01) C08J 9/00 (2006.01) C09K 5/06 (2006.01) F28D 20/02 (2006.01)
[25] EN
[54] A SHOE WITH IMPROVED THERMAL COMFORT
[54] CHAUSSURE A CONFORT THERMIQUE AMELIORE
[72] GALIANO, GREGORIO, IT
[72] CARLINO, RAFFAELE, IT
[71] MIRIADE S.P.A., IT
[85] 2017-08-16
[86] 2016-02-19 (PCT/IB2016/050898)
[87] (WO2016/135601)
[30] IT (RM2015A000079) 2015-02-24

[21] 2,976,899
[13] A1
[51] Int.Cl. B61L 15/00 (2006.01) B61L 27/00 (2006.01) G01M 17/08 (2006.01) G01M 17/10 (2006.01)
[25] EN
[54] ABNORMAL VEHICLE DYNAMICS DETECTION
[54] DETECTION DE DYNAMIQUE DE VEHICULE ANORMALE
[72] MIAN, ZAHID F., US
[72] GAMACHE, RONALD W., US
[72] HAYES, PETER, US
[71] INTERNATIONAL ELECTRONIC MACHINES CORP., US
[85] 2017-08-16
[86] 2016-01-15 (PCT/US2016/013565)
[87] (WO2016/115443)
[30] US (62/125,232) 2015-01-16

[21] 2,976,900
[13] A1
[51] Int.Cl. G06Q 10/08 (2012.01)
[25] EN
[54] SYSTEM FOR AUTOMATED OILFIELD SUPPLY DEMAND BALANCING AND FORECASTING
[54] SYSTEME D'EQUILIBRAGE ET DE PREVISION AUTOMATISES DE L'OFFRE ET DE LA DEMANDE D'UN CHAMP PETROLIFERE
[72] ORTIZ, THOMAS MANUEL, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-08-16
[86] 2015-12-15 (PCT/US2015/065763)
[87] (WO2016/148756)
[30] US (62/135,574) 2015-03-19

[21] 2,976,916
[13] A1
[51] Int.Cl. A61M 1/00 (2006.01) A61B 17/00 (2006.01)
[25] EN
[54] TISSUE PROCESSING DEVICE AND ASSOCIATED SYSTEMS AND METHODS
[54] DISPOSITIF DE TRAITEMENT DE TISSU, ET SYSTEMES ET PROCEDES ASSOCIES
[72] WANG, KAI-ROY, US
[72] BARRIERE, AARON, US
[72] FRIEDMAN, EVAN, US
[72] PARK, SANGWOOK, US
[71] LIFECELL CORPORATION, US
[85] 2017-08-16
[86] 2016-02-18 (PCT/US2016/018444)
[87] (WO2016/134132)
[30] US (62/118,192) 2015-02-19

[21] 2,976,919
[13] A1
[51] Int.Cl. E21B 47/18 (2012.01) E21B 47/20 (2012.01) E21B 47/12 (2012.01)
[25] EN
[54] MODULATION SCHEME FOR HIGH SPEED MUD PULSE TELEMETRY WITH REDUCED POWER REQUIREMENTS
[54] SCHEMA DE MODULATION POUR TELEMESURE PAR IMPULSIONS DANS LA BOUE A HAUTE VITESSE, A BESOINS EN ALIMENTATION ELECTRIQUE REDUITS
[72] MAHMOUD, SAMEH AMR HASSANEIN, US
[72] BRUNS, JENS UWE, US
[72] EMMERICH, WOJCIECH, US
[72] GATZEN, MATTHIAS, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-08-16
[86] 2016-02-18 (PCT/US2016/018464)
[87] (WO2016/134143)
[30] US (14/625,813) 2015-02-19

[21] 2,976,925
[13] A1
[51] Int.Cl. E21B 44/00 (2006.01) E21B 47/09 (2012.01) G01V 3/18 (2006.01) G01V 3/38 (2006.01)
[25] EN
[54] DOWNHOLE TOOL FOR MEASURING ANGULAR POSITION
[54] OUTIL DE FOND DE Puits POUR MESURER UNE POSITION ANGULAIRE
[72] JEFFRYES, BENJAMIN PETER, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-08-16
[86] 2016-02-22 (PCT/US2016/018987)
[87] (WO2016/137905)
[30] GB (1502937.4) 2015-02-23

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[21] **2,976,933**
[13] A1

[51] **Int.Cl. E21B 44/00 (2006.01) G01V 9/00 (2006.01)**

[25] EN

[54] **DOWNHOLE TOOL FOR MEASURING ACCELERATIONS**

[54] **OUTIL DE FOND DE Puits POUR MESURER DES ACCELERATIONS**

[72] JEFFRYES, BENJAMIN PETER, GB

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2017-08-16

[86] 2016-02-22 (PCT/US2016/018989)

[87] (WO2016/137906)

[30] GB (1502944.0) 2015-02-23

[21] **2,976,941**
[13] A1

[51] **Int.Cl. E21B 43/02 (2006.01) E21B 43/10 (2006.01)**

[25] EN

[54] **DEPOSITED MATERIAL SAND CONTROL MEDIA**

[54] **MEDIUMS FILTRANTS DE CONTROLE DU SABLE COMPRENANT UNE MATIERE DEPOSEE**

[72] BARNARD, JASON J., US

[72] MANN, CHANCE ETHAN, US

[72] WINNON, STEVE M., US

[72] HETZ, SHAY, US

[71] BAKER HUGHES, A GE COMPANY, LLC, US

[85] 2017-08-16

[86] 2016-02-17 (PCT/US2016/018239)

[87] (WO2016/134001)

[30] US (62/117,225) 2015-02-17

[21] **2,976,957**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/27 (2006.01)**

[25] EN

[54] **COMPUTING DEVICE WITH SPELL-CHECK FEATURE**

[54] **DISPOSITIF INFORMATIQUE AVEC CARACTERISTIQUE DE VERIFICATION DE L'ORTHOGRAPHE**

[72] COX, GARY WILSON, US

[71] TRIBUNE BROADCASTING COMPANY, LLC, US

[85] 2017-08-16

[86] 2016-02-17 (PCT/US2016/018308)

[87] (WO2016/171784)

[30] US (14/696,117) 2015-04-24

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[13] A1

[51] **Int.Cl. F41G 11/00 (2006.01) F41A 21/32 (2006.01) F41G 1/35 (2006.01) F41G 1/36 (2006.01)**

[25] EN

[54] **DEVICE FOR ARRANGING AN ACCESSORY ON A FIREARM**

[54] **DISPOSITIF D'AGENCEMENT D'UN ACCESSOIRE SUR UNE ARME A FEU**

[72] FISCHER, OLIVER, AT

[72] WILLMANN, MATTHIAS, DE

[71] WILLMANN, MATTHIAS, DE

[85] 2017-08-17

[86] 2015-12-17 (PCT/EP2015/080313)

[87] (WO2016/131516)

[30] DE (10 2015 102 477.2) 2015-02-20

[21] **2,977,014**
[13] A1

[51] **Int.Cl. F04B 15/02 (2006.01) F04B 1/04 (2006.01) F04B 9/04 (2006.01) F04B 23/06 (2006.01)**

[25] EN

[54] **HIGH PRESSURE PUMP FOR PUMPING A HIGHLY VISCOUS MATERIAL**

[54] **POMPE A HAUTE PRESSION POUR POMPER UN MATERIAU EXTREMEMENT VISQUEUX**

[72] SMITH, ALAN, GB

[71] CARLSLE FLUID TECHNOLOGIES INC., US

[85] 2017-08-17

[86] 2016-01-29 (PCT/GB2016/050202)

[87] (WO2016/132097)

[30] GB (1502686.7) 2015-02-18

[21] **2,977,042**
[13] A1

[51] **Int.Cl. G06F 11/36 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR GENERATING AN EFFECTIVE TEST DATA SET FOR TESTING BIG DATA APPLICATIONS**

[54] **SYSTEME ET PROCEDE DE GENERATION D'UN ENSEMBLE EFFICACE DE DONNEES DE TEST POUR TESTER DES APPLICATIONS DE MEGADONNEES**

[72] LI, NAN, US

[72] ESCALONA, ANTHONY, US

[71] MEDIDATA SOLUTIONS, INC., US

[85] 2017-08-17

[86] 2016-02-15 (PCT/US2016/017981)

[87] (WO2016/133855)

[30] US (62/118,199) 2015-02-19

[30] US (62/146,563) 2015-04-13

[21] **2,977,086**
[13] A1

[51] **Int.Cl. G01V 3/08 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR DETECTING AN OBJECT HIDDEN BEHIND AN ARTICLE**

[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DETECTER UN OBJET DISSIMULE DERRIERE UN AUTRE OBJET**

[72] REIME, GERD, DE

[71] ZIRCON CORPORATION, US

[85] 2017-08-16

[86] 2016-02-12 (PCT/EP2016/052956)

[87] (WO2016/131711)

[30] DE (10 2015 202 880.1) 2015-02-18

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[13] A1
- [51] **Int.Cl. G06F 19/00 (2011.01) G06F 21/62 (2013.01) A61B 5/145 (2006.01) A61B 5/1495 (2006.01)**
- [25] EN
- [54] **DISTRIBUTED SYSTEM ARCHITECTURE FOR CONTINUOUS GLUCOSE MONITORING**
- [54] **ARCHITECTURE DE SYSTEME REPARTIE POUR CONTROLE DE GLUCOSE EN CONTINU**
- [72] MENSINGER, MICHAEL ROBERT, US
- [72] COHEN, ERIC, US
- [72] DATTARAY, BASAB, US
- [72] HAMPAPURAM, HARI, US
- [72] KAMATH, APURV ULLAS, US
- [72] MADIGAN, STEPHEN, US
- [72] MAYOU, PHIL, US
- [71] DEXCOM, INC., US
- [85] 2017-08-17
- [86] 2016-05-11 (PCT/US2016/031850)
- [87] (WO2016/183198)
- [30] US (62/160,475) 2015-05-12
- [30] US (62/249,043) 2015-10-30

- [21] **2,977,137**
[13] A1
- [51] **Int.Cl. G01J 3/28 (2006.01) H04N 5/372 (2011.01)**
- [25] EN
- [54] **MULTI-WAVELENGTH BEAM SPLITTING SYSTEMS FOR SIMULTANEOUS IMAGING OF A DISTANT OBJECT IN TWO OR MORE SPECTRAL CHANNELS USING A SINGLE CAMERA**
- [54] **SYSTEMES DE SEPARATION DE FAISCEAU A LONGUEURS D'ONDES MULTIPLES POUR L'IMAGERIE SIMULTANEE D'UN OBJET DISTANT DANS DEUX CANAUX SPECTRAUX OU PLUS A L'AIDE D'UNE SEULE CAMERA**
- [72] PENG, ZHIYONG, US
- [72] FERGUSON, T. BRUCE, JR., US
- [72] CHEN, CHENG, US
- [72] JACOBS, KENNETH MICHAEL, US
- [71] EAST CAROLINA UNIVERSITY, US
- [85] 2017-08-17
- [86] 2016-03-22 (PCT/US2016/023547)
- [87] (WO2016/154183)
- [30] US (62/136,815) 2015-03-23

- [21] **2,977,147**
[13] A1
- [51] **Int.Cl. G06Q 50/34 (2012.01)**
- [25] EN
- [54] **METHOD AND SYSTEM FOR WAGERING ON SPORTING EVENTS**
- [54] **PROCEDE ET SYSTEME DE PARI SUR DES EVENEMENTS SPORTIFS**
- [72] CUMMINGS, BRADFORD, US
- [71] EQUILLOTTERY LLC, US
- [85] 2017-08-17
- [86] 2016-03-24 (PCT/US2016/023897)
- [87] (WO2016/164175)
- [30] US (62/144,629) 2015-04-08

- [21] **2,977,163**
[13] A1
- [51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/11 (2006.01) A61B 5/145 (2006.01)**
- [25] EN
- [54] **SYSTEM AND METHOD FOR EDUCATING USERS, INCLUDING RESPONDING TO PATTERNS**
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- [72] BOOCK, ROBERT J., US
- [72] DERENZY, DAVID, US
- [72] DUNN, LAURA J., US
- [72] JOHNSON, MATTHEW LAWRENCE, US
- [72] KOEHLER, KATHERINE YERRE, US
- [72] KAMATH, APURV ULLAS, US
- [72] PAL, ANDREW ATTILA, US
- [72] PRICE, DAVID, US
- [72] REHMAN, ELI, US
- [72] WU, MARK, US
- [71] DEXCOM, INC., US
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- [54] **USTENSILE A MAIN A REDRESSEMENT AUTOMATIQUE**
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- [72] WARTERSIAN, KEVORK, US
- [71] VARTIAN CORP, US
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- [54] **ECARTEUR RENFORCE PAR DES FIBRES DE VERRE POUR UN VITRAGE ISOLANT**
- [72] SCHWERT, EGBERT, CH
- [72] SCHREIBER, WALTER, DE
- [72] RIGAUD, MARTIN, CH
- [71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] APPAREIL MENAGER ET CHARNIERE D'UN APPAREIL MENAGER

[72] ROMMELMANN, CORI, DE

[71] HETTICH-ONI GMBH & CO. KG, DE

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[54] APPAREIL DE MODELISATION DE STRUCTURES OCULAIRES

[72] ZAKHAROV, PAVEL, CH

[72] BOSS, DANIEL, CH

[72] MROCHEN, MICHAEL, CH

[72] NOLAN, ANDREW, IE

[71] NOVARTIS AG, CH

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[54] DISPOSITIF POUR INTERCEPTER AU MOINS UN OISEAU VIVANT DANS LE BUT DE RECUEILLIR DES SPECTRES D'OSCILLATIONS CARACTERISTIQUES ET DE DETERMINER LE SEXE

[72] MEISSNER, SVEN, DE

[72] FISCHER, BJORN, DE

[71] AGRI ADVANCED TECHNOLOGIES GMBH, DE

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[54] PROCEDES ET SYSTEMES DE TRAITEMENT DE FICHIER

[72] GRENDON, LAUREN, US

[71] MASTERCARD INTERNATIONAL INCORPORATED, US

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[54] SYSTEME POUR VERIFIER DES CARACTERISTIQUES DIMENSIONNELLES ET/OU GEOMETRIQUES DE PIECES A USINER, ET PROCEDURE DE FABRICATION ASSOCIEE

[72] SANTINI, ALESSANDRO, IT

[72] GOVONI, GIACOMO, IT

[71] MARPOSS SOCIETA' PER AZIONI, IT

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[54] SYSTEME VIBRATOIRE COMPRENANT DES LIGNES D'ARBRE, ET MACHINE ET PROCEDE CORRESPONDANTS

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[72] ALACOQUE, DAVID, FR

[71] METSO FRANCE SAS, FR

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[54] NETTOYAGE DES RACCORDS DE SERVICE INTERIEURS ET ADJACENTS EN VUE DE LA PREPARATION A UNE METHODE DE REVETEMENT INTERIEUR DE TUYAU
[72] LILLIE, KEVIN, CA
[72] THOROGOOD, BRIAN, CA
[71] ENVIROLOGICS ENGINEERING INC., CA
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[54] EXTRUDEUSE A VIS UNIQUE
[72] NELLES, PETER F., US
[72] NESHIM, GARY L., US
[72] NESHIM, GRANT L., US
[71] TUTTA LAVAL HOLDINGS & FINANCE S.A., CH
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[54] IDENTIFICATION D'UN OBJET DANS UN VOLUME SUR LA BASE DES CARACTERISTIQUES DE LA LUMIERE REFLECHIE PAR L'OBJET
[72] ROMANO, NITAY, US
[72] GROSSINGER, NADAV, US
[71] FACTBOOK, INC., US
[85] 2017-08-21
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[54] COMMANDE DE SYNCHRONISATION DANS UN SYSTEME A MEMOIRE QUANTIQUE
[72] RECHIR, WILLIAM ROBERT, US
[72] SHAUCK, STEVEN BRIAN, US
[72] MILLER, DONALD LYNN, US
[72] HORNER, JEREMY WILLIAM, US
[72] JOSEPHSEN, NATHAN TRENT, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[54] DISPOSITIFS DE FIXATION DE SUTURE
[72] MIRAKI, MANOUCHEIR A., US
[72] CAO, HENGCHU, US
[72] SCHNEIDER, RALPH, US
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[54] CELLULE DE MEMOIRE A JONCTION DE JOSEPHSON MAGNETIQUE A HYSTERESIS DE PHASE
[72] HERR, ANNA Y., US
[72] HERR, QUENTIN P., US
[72] MIKLICHL, ANDREW HOBSTETLER, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[54] MESURE DE LA SANTE D'UN ELEMENT CONNECTEUR D'UN SYSTEME CHIRURGICAL ROBOTIQUE
[72] KAPADIA, JAIMEEN, US
[72] ROCKROBE, BRIAN, US
[71] COVIDIEN LP, US
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[54] SYSTEME DE POMPE HYDRAULIQUE POUR TRAITER UN MILIEU DE COULIS
[72] WILMSEN, ARNOELIUS GERTRUUDS HENRIKUS, NL
[72] KUIJERS, RONALD GODTFRIEDUS ANNA, NL
[71] WYER MINERALS NETHERLANDS B.V., NL
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[72] TAKAHASHI, JUNICHI, JP
[72] INOUE, TAKU, JP
[72] OKADA, SHUJI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
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[54] OUTILS CHIRURGICAUX ROTATIFS DE COUPE A ENTRAÎNEMENT PAR GOUPILLE ET PIÈCES A MAIN ÉLECTRIQUES
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[72] HEILIGER, ZACHARY, US
[71] MEDTRONIC PS MEDICAL, INC., US
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[54] TRANSMISSION DE VERSEMENT A PARTIR D'UN COMPTE FINANCIER COMMERCIAL
[72] KIMBERG, DEBORAH M., US
[72] KRIKORIAN, SHARI, US
[72] ROBINSON, RODNEY A., US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] ENSEMBLES DISPOSITIFS D'ENTREE DESTINES A DES SYSTEMES CHIRURGICAUX ROBOTIQUES
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[71] COVIDIEN LP, US
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[72] KENNEDY, ADRIAN GERALD, IE
[71] FEXCO MERCHANT SERVICES UNLIMITED COMPANY, IE
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[54] TIGE DE POMPE EN DEUX PARTIES
[72] SHAW, DEREK R., US
[72] INGEBRAND, JOHN R., US
[72] DANISKI, JOSEPH A., US
[72] ROGERS, DANIEL J., US
[72] MEYER, COREY D., US
[71] GRACO MINNESOTA INC., US
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[51] Int.Cl. A61B 5/00 (2006.01) A61F 7/00 (2006.01) G09B 19/00 (2006.01)
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[54] SYSTEME D'ENTREE D'ETAT DE MANQUE ET DE SUPPORT
[72] DARMOUR, JENNIFER A., US
[72] HAPGOOD, JENNY E., US
[72] ROTH, DAVID EVANS, US
[72] OVERBECK, RONALD A., US
[72] LEVY, ALAN JOEL, US
[71] CHRONO THERAPEUTICS INC., US
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[54] SHOE DERAILMENT DEVICE FOR BRIDGE CRANE AND METHOD OF USE
[54] DISPOSITIF DE DERAILLEMENT A SABOT POUR PONT ROULANT ET SON PROCEDE D'UTILISATION
[72] BOUCHARD, STEVE, CA
[72] ST-PIERRE, YAN, CA
[72] BORDIEU, MARTIN, CA
[71] FIVES SERVICES INC., CA
[85] 2017-08-25
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[51] Int.Cl. B32B 7/06 (2006.01) B31D 1/02 (2006.01) B32B 7/12 (2006.01) B32B 37/02 (2006.01) B32B 37/12 (2006.01) B32B 38/10 (2006.01) B32B 38/18 (2006.01) C09J 7/02 (2006.01) G09F 3/10 (2006.01)
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[54] APPARATUS AND METHOD FOR THE MAKING OF A PRESSURE-SENSITIVE CONSTRUCTION FROM A FACELESS MATERIAL
[54] APPAREIL ET PROCEDE POUR LA FABRICATION D'UNE CONSTRUCTION AUTO-ADHESIVE A PARTIR D'UN MATERIAU NEUTRE
[72] LABRIE, FREDERIC, CA
[71] LABRIE, FREDERIC, CA
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[72] BADALYAN, VIGEN, MT
[72] KHACHATRYAN, NERSES, MT
[71] VIVARO LIMITED, MT
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[54] PRODUIT DE VIANDE TRANSFORMEE INSTANTANE ET PROCEDE POUR LE PRODUIRE
[72] NAGAYAMA, YOSHIAKI, JP
[72] ONOZAWA, TORU, JP
[71] SANYO FOODS CO., LTD., JP
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[25] EN

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[54] SYSTEME ET PROCEDE POUR FOURNIR UN SEUL CHAMP D'ENTREE AYANT DE MULTIPLES POSSIBILITES DE TRAITEMENT

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[72] DURHAM, RYAN C., US

[71] MONTICELLO ENTERPRISES LLC, US

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[30] US (61/972,848) 2014-03-31

[30] US (61/972,865) 2014-03-31

[30] US (61/972,879) 2014-03-31

[30] US (61/972,861) 2014-03-31

[30] US (61/972,878) 2014-03-31

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[51] Int.Cl. F01L 7/02 (2006.01) F01L 7/16 (2006.01) F16K 5/04 (2006.01)

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[54] APPAREIL D'ETANCHEITE, APPAREIL A SOUPAPE ROTATIVE MODULAIRE, ET MOTEUR

[72] VASELENIUCK, DARRICK, US

[72] VASELENIUCK, DAVID, US

[71] VAZTEC ENGINE VENTURE, LLC, US

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[86] 2016-01-29 (PCT/US2016/015613)

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[13] A1

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[54] DEVICE AND METHOD FOR DEGASSING LIQUIDS

[54] DISPOSITIF ET PROCEDE DE DEGAZAGE DE LIQUIDES

[72] KOZYUK, OLEG, US

[71] ARISDYNE SYSTEMS, INC., US

[85] 2017-08-25

[86] 2016-03-09 (PCT/US2016/021498)

[87] (WO2016/153782)

[30] US (62/137,454) 2015-03-24

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[72] RADOSTA, JOSEPH A., US

[72] SCHMAL, MICHAEL D., US

[72] JACOBE, CONNIE M., US

[71] M & Q IP LEASING, LLC, US

[85] 2017-08-25

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[54] ADHESIF EN DEUX PARTIES INCLUANT UN DURCISSEUR RENFORCE

[72] CHEN, LIANZHOU, US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2017-08-25

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[87] (WO2016/137671)

[30] US (62/126,029) 2015-02-27

[21] 2,978,008
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[51] Int.Cl. A43B 5/02 (2006.01) A43B 3/24 (2006.01) A43B 5/18 (2006.01) A43B 19/00 (2006.01) A43B 23/26 (2006.01)

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[54] ADAPTABLE FOOTWEAR FOR PLAYING FOOTBALL

[54] CHAUSSURES ADAPTABLES POUR JOUER AU FOOTBALL

[72] STEIDLE, VOLKER PETER, AU

[71] CONCAVE GLOBAL PTY LTD, AU

[85] 2017-08-28

[86] 2016-03-07 (PCT/AU2016/050158)

[87] (WO2016/141427)

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[13] A1

[51] Int.Cl. B25J 5/00 (2006.01) B25J 19/02 (2006.01) E21F 17/00 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR HANG-UP ASSESSMENT AND REMOVAL

[54] SYSTEME ET PROCEDE D'EVALUATION ET D'ELIMINATION DE SUSPENSION

[72] BAIDEN, GREGORY, CA

[72] BESSIRI, YASSIAH, CA

[71] PENGUIN AUTOMATED SYSTEMS INC., CA

[85] 2017-08-28

[86] 2015-03-02 (PCT/CA2015/000126)

[87] (WO2015/127545)

[30] US (61/946,400) 2014-02-28

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[51] Int.Cl. A01N 25/08 (2006.01)
[25] EN
[54] **ANTIMICROBIAL AND BIOLOGICALLY ACTIVE POLYMER COMPOSITES AND RELATED METHODS, MATERIALS AND DEVICES**
[54] **COMPOSITES POLYMERES ANTIMICROBIENS ET BIOLOGIQUEMENT ACTIFS ET METHODES, MATERIELS ET DISPOSITIFS ASSOCIES**
[72] VACHON, DAVID JOHN, US
[72] NORDAL, SCOTT FRITIDOF, US
[72] WALTERS, DANA CHRISTOPHER, US
[71] IASIS MOLECULAR SCIENCES INC., US
[71] VACHON, DAVID JOHN, US
[71] NORDAL, SCOTT FRITIDOF, US
[71] WALTERS, DANA CHRISTOPHER, US
[85] 2017-04-26
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[30] US (62/047,655) 2014-09-09

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[13] A1
[51] Int.Cl. A47L 11/24 (2006.01)
[25] EN
[54] **AUTONOMOUS FLOOR CLEANING WITH A REMOVABLE PAD**
[54] **NETTOYAGE DE SOL AUTONOME AVEC UN TAMPON AMOVIBLE**
[72] LI, PING-HONG, US
[72] FORAN, DAN, US
[72] WILLIAMS, MARCUS, US
[72] JOHNSON, JOE, US
[72] GRAZIANI, ANDREW, US
[71] IROBOT CORPORATION, US
[85] 2017-08-28
[86] 2015-11-18 (PCT/US2015/061277)
[87] (WO2016/148744)
[30] US (14/658,820) 2015-03-16

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[13] A1
[51] Int.Cl. A47L 11/40 (2006.01)
[25] EN
[54] **AUTONOMOUS FLOOR CLEANING WITH REMOVABLE PAD**
[54] **NETTOYAGE DE SOL AUTONOME AVEC TAMPON AMOVIBLE**
[72] LI, PING-HONG, US
[72] JOHNSON, JOSEPH M., US
[72] FORAN, DANIEL, US
[72] WILLIAMS, MARCUS, US
[72] GRAZIANI, ANDREW, US
[71] IROBOT CORPORATION, US
[85] 2017-08-28
[86] 2015-11-20 (PCT/US2015/061866)
[87] (WO2016/148745)
[30] US (14/658,820) 2015-03-16
[30] US (14/828,285) 2015-08-17
[30] US (14/936,236) 2015-11-09

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[13] A1
[51] Int.Cl. C12N 5/0797 (2010.01)
[25] EN
[54] **METHODS FOR MAKING NEURAL STEM CELLS AND USES THEREOF**
[54] **PROCEDES DE PRODUCTION DE CELLULES SOUCHES NEURONALES ET LEURS UTILISATIONS**
[72] HINGTGEN, SHAWN D., US
[72] DUMITRU, RALUCA, US
[72] RODRIGUEZ BAGO, JULIO, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2017-08-28
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[13] A1
[51] Int.Cl. A61B 17/132 (2006.01) A41D 1/08 (2006.01) A61B 17/00 (2006.01) A61B 17/12 (2006.01) B60C 1/14 (2006.01) C06Q 30/00 (2012.01)
[25] EN
[54] **COMPRESSION DEVICE**
[54] **DISPOSITIF DE COMPRESSION**
[72] DEMAS, NICKOLAS PETER, US
[72] HUNT, ANTON STUART, US
[71] SWIFT-STRAP LLC, US
[85] 2017-08-28
[86] 2016-03-17 (PCT/US2016/022882)
[87] (WO2016/149502)
[30] US (62/135,679) 2015-03-19
[30] US (62/201,454) 2015-08-05

[21] 2,978,097
[13] A1
[51] Int.Cl. A61K 31/40 (2006.01) C07D 207/404 (2006.01) C07D 491/22 (2006.01)
[25] EN
[54] **METHODS FOR THE CHEMICAL SYNTHESIS OF PYRROLE-LINKED BIVALENT COMPOUNDS, AND COMPOSITIONS THEREOF**
[54] **PROCEDES DE SYNTHESE CHIMIQUE DE COMPOSES BIVALENTS LIES AU PYRROLE, ET COMPOSITIONS DE CEUX-CI**
[72] CRAN, JOHN, US
[71] AVEKSHAN LLC, US
[85] 2017-08-28
[86] 2016-03-18 (PCT/US2016/023107)
[87] (WO2016/149608)
[30] US (62/134,758) 2015-03-18

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[13] A1

[51] **Int.Cl. A61K 31/711 (2006.01) C07H 21/02 (2006.01) C12N 15/11 (2006.01) C12N 15/13 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR MODULATING C9ORF72 EXPRESSION**

[54] **COMPOSITIONS POUR MODULER L'EXPRESSION DE C9ORF72**

[72] RIGO, FRANK, US

[71] IONIS PHARMACEUTICALS, INC., US

[85] 2017-08-28

[86] 2016-04-15 (PCT/US2016/027747)

[87] (WO2016/168592)

[30] US (62/148,691) 2015-04-16

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[21] **2,978,161**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01)**

[25] EN

[54] **SMART SECURITY INSPECTION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE D'INSPECTION DE SECURITE INTELLIGENTS**

[72] XU, JIA, CN

[72] TANG, HU, CN

[72] HUANG, QINGPING, CN

[72] FAN, YING, CN

[71] NUCTECH COMPANY LIMITED, CN

[85] 2017-08-29

[86] 2016-08-04 (PCT/CN2016/093278)

[87] (WO2017/050025)

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[21] **2,978,169**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**

[25] EN

[54] **METHOD FOR DIAGNOSING ARTHROSIS**

[54] **METHODE DE DIAGNOSTIC DE L'ARTHROSE**

[72] BLANCO GARCIA, FRANCISCO J., ES

[72] RUIZ ROMERO, CRISTINA, ES

[72] FERNANDEZ COSTA, CAROLINA, ES

[72] CAPELO MARTINEZ, JOSE LUIS, ES

[72] FERNANDEZ RIVEROLA, FLORENTINO, ES

[72] REBOIRO JATO, MIGUEL, ES

[71] SERVIZO GALEGO DE SAUDE (SERGAS), ES

[71] UNIVERSIDADE DE VIGO, ES

[71] FUNDACION PROFESOR NOVOA SANTOS, ES

[85] 2017-08-29

[86] 2015-10-01 (PCT/ES2015/070717)

[87] (WO2016/051006)

[30] ES (P 201431445) 2014-10-01

[21] **2,978,170**
[13] A1

[51] **Int.Cl. A61K 31/437 (2006.01)**

[25] EN

[54] **PYRAZOLO[1,5-A][1,3,5]TRIAZINE AND PYRAZOLO[1,5-A]PYRIMIDINE DERIVATIVES AS CDK INHIBITORS**

[54] **DERIVES DE PYRAZOLO[1,5-A][1,3,5]TRIAZINE ET DE PYRAZOLO[1,5-A]PYRIMIDINE UTILISES EN TANT QU'INHIBITEURS DE CDK**

[72] SAMAJDAR, SUSANTA, IN

[72] PODDUTOORI, RAMULU, IN

[72] MUKHERJEE, SUBHENDU, IN

[72] GOSWAMI, RAJEEV, IN

[71] AURIGENE DISCOVERY TECHNOLOGIES LIMITED, IN

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[86] 2016-03-08 (PCT/IN2016/051302)

[87] (WO2016/142855)

[30] IN (1128/CH/2015) 2015-03-09

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[13] A1

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[25] EN

[54] **T-CELL RECEPTORS DIRECTED AGAINST THE PREFERENTIALLY EXPRESSED ANTIGEN OF MELANOMA AND USES THEREOF**

[54] **RECEPTEURS DE LYMPHOCYTES DIRIGES CONTRE L'ANTIGENE EXPRIME DE PREFERENCE DANS LE MELANOME, ET LEURS UTILISATIONS**

[72] FALKENBURG, J.H.FREDERIK, NL

[72] HEEMSKERK, MIRIAM H.M., NL

[71] LEIDEN UNIVERSITY MEDICAL CENTER, NL

[85] 2017-08-29

[86] 2016-03-09 (PCT/IB2016/000399)

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[13] A1

[51] **Int.Cl. B67D 7/74 (2010.01) F04B 43/12 (2006.01)**

[25] EN

[54] **DOSING SYSTEM**

[54] **SYSTEME DE DOSAGE**

[72] COHEN, AVI, IL

[72] BEN SHALOM, ZVI, IL

[71] SODASTREAM INDUSTRIES LTD., IL

[85] 2017-08-29

[86] 2016-03-02 (PCT/IB2016/051155)

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[30] US (62/127,848) 2015-03-04

[30] US (62/127,853) 2015-03-04

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[25] EN
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[54] SYSTEMES D'ADMINISTRATION TRANSMUQUEUSE ET TRANSDERMIQUE
[72] HALL, SEAN MICHAEL, AU
[72] VIETTA, LUIS, AU
[72] ZHOU, YUSI, AU
[72] RUTOLO, DAVID A., JR., US
[72] COULSON, SAMANTHA MARIE, AU
[71] MEDLAB CLINICAL U.S., INC., US
[85] 2017-08-29
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[30] US (62/127,220) 2015-03-02
[30] US (62/199,007) 2015-07-30

[21] 2,978,180
[13] A1
[51] Int.Cl. A61K 31/194 (2006.01) A61P 3/06 (2006.01) A61P 9/10 (2006.01)
[25] EN
[54] FIXED DOSE COMBINATIONS AND FORMULATIONS COMPRISING ETC1002 AND ONE OR MORE STATINS AND METHODS OF TREATING OR REDUCING THE RISK OF CARDIOVASCULAR DISEASE
[54] ASSOCIATIONS DE DOSES FIXES COMPRENANT DU ETC1002 ET UNE OU PLUSIEURS STATINES PERMETTANT DE TRAITER OU DE REDUIRE UN RISQUE CARDIOVASCULAIRE
[72] NEWTON, ROGER SCHOFIELD, US
[72] ROSENBERG, NOAH LABAN, US
[72] MACDOUGALL, DIANE ELAINE, US
[71] ESPERION THERAPEUTICS, INC., US
[85] 2017-08-29
[86] 2016-03-16 (PCT/US2016/022694)
[87] (WO2016/149405)
[30] US (62/133,739) 2015-03-16
[30] US (62/277,403) 2016-01-11

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[13] A1
[51] Int.Cl. A61K 38/22 (2006.01) C07K 14/64 (2006.01)
[25] EN
[54] MODIFIED THERAPEUTIC AGENTS AND COMPOSITIONS THEREOF
[54] AGENTS THERAPEUTIQUES MODIFIES ET COMPOSITIONS ASSOCIEES
[72] SHEN, WEIJUN, US
[72] MUPPIDI, AVINASH, US
[72] SCHULTZ, PETER G., US
[71] THE CALIFORNIA INSTITUTE FOR BIOMEDICAL RESEARCH, US
[85] 2017-08-29
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[87] (WO2016/149501)
[30] US (62/134,939) 2015-03-18

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[51] Int.Cl. A61K 39/395 (2006.01) C07K 16/46 (2006.01) C12P 21/08 (2006.01)
[25] EN
[54] ANTIBODIES TO ICOS
[54] ANTICORPS ANTI-ICOS
[72] SAZINSKY, STEPHEN, US
[72] MICHAELSON, JENNIFER S., US
[72] SATHYANARAYANAN, SRIRAM, US
[72] ELPEK, KUTLU GOKSU, US
[71] JOUNCE THERAPEUTICS, INC., US
[85] 2017-08-29
[86] 2016-03-22 (PCT/US2016/023524)
[87] (WO2016/154177)
[30] US (62/137,034) 2015-03-23
[30] US (62/147,484) 2015-04-14
[30] US (62/156,588) 2015-05-04
[30] US (62/242,489) 2015-10-16
[30] US (62/255,635) 2015-11-16

[21] 2,978,189
[13] A1
[51] Int.Cl. G05D 7/01 (2006.01) G05D 11/03 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR FLOW REGULATION
[54] PROCEDE ET APPAREIL DE REGULATION DU DEBIT
[72] SMELLER, DONALD W., US
[71] LANCER CORPORATION, US
[85] 2017-08-29
[86] 2016-03-23 (PCT/US2016/023717)
[87] (WO2016/154273)
[30] US (62/177,775) 2015-03-23
[30] US (15/063,888) 2016-03-08

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[13] A1
[51] Int.Cl. A61L 2/16 (2006.01) C08J 9/26 (2006.01) C08J 9/40 (2006.01)
[25] EN
[54] INTRINSICALLY ANTIMICROBIAL POROSIC MATRIX COMPOSITES AND METHOD OF MANUFACTURE THEREOF
[54] COMPOSITES A MATRICE POREUSE INTRINSEQUEMENT ANTIMICROBIENS ET LEUR PROCEDE DE FABRICATION
[72] WILSON, JOHN PAUL, US
[71] WILSON, JOHN PAUL, US
[85] 2017-08-29
[86] 2016-03-07 (PCT/US2016/021250)
[87] (WO2016/144907)
[30] US (62/129,522) 2015-03-06

[21] 2,978,192
[13] A1
[51] Int.Cl. E21B 47/0228 (2012.01) E21B 47/0232 (2012.01) G01V 3/20 (2006.01)
[25] EN
[54] REDUCING OR PREVENTING DISSIPATION OF ELECTRICAL CURRENT AND ASSOCIATED MAGNETIC SIGNAL IN A WELLBORE
[54] REDUCTION OU PREVENTION DE LA DISSIPATION D'UN COURANT ELECTRIQUE ET D'UN SIGNAL MAGNETIQUE ASSOCIE DANS UN PUIT DE FORAGE
[72] MOSS, CLINTON, US
[72] RIDGWAY, DOUGLAS, US
[72] MARTIN, TROY, US
[71] APPLIED TECHNOLOGIES ASSOCIATES, INC., US
[85] 2017-08-29
[86] 2016-03-31 (PCT/US2016/025110)
[87] (WO2016/182640)
[30] US (62/141,636) 2015-04-01
[30] US (14/884,414) 2015-10-15

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[51] Int.Cl. C07K 1/00 (2006.01) C07K 14/00 (2006.01) C07K 17/00 (2006.01)

[25] EN

[54] **POLYMERASE VARIANTS AND USES THEREOF**

[54] **VARIANTS DE POLYMERASE ET UTILISATIONS DE CEUX-CI**

[72] AYER, ARUNA, US

[72] ARNOLD, CLEOMA, US

[72] SCHWAB, CHARLES, US

[72] THAL, EILEEN, US

[72] LEDERMAN, ILYA, US

[72] MCGAW, COLIN, US

[72] SHULTZ, TYLER, US

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2017-08-29

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[87] (WO2016/183403)

[30] US (62/161,571) 2015-05-14

[30] US (62/202,895) 2015-08-09

[30] US (15/012,317) 2016-02-01

[30] US (15/151,364) 2016-05-10

[21] 2,978,197
[13] A1

[51] Int.Cl. E21F 17/00 (2006.01) G01C 7/06 (2006.01) G01S 13/86 (2006.01)

[25] EN

[54] **A METHOD AND SYSTEM FOR GEOREFERENCING UNDERGROUND DATA**

[54] **PROCEDE ET SYSTEME POUR LE GEO-REFERENCEMENT DE DONNEES SOUTERRAINES**

[72] PYKE, SANDY WAYNE, CA

[72] MARSHALL, JOSHUA ALEXANDER, CA

[72] LAVIGNE, NICHOLAS JAMES, US

[72] ARTAN, UNAL, CA

[71] PECK TECH CONSULTING LTD., CA

[85] 2017-08-30

[86] 2017-01-06 (PCT/CA2017/000002)

[87] (WO2017/117667)

[30] US (62/276,074) 2016-01-07

[21] 2,978,198
[13] A1

[51] Int.Cl. B01D 53/78 (2006.01) B01D 53/50 (2006.01) B01D 53/56 (2006.01) B01D 53/60 (2006.01)

[25] EN

[54] **DESULFURIZATION AND DENITRATION AGENT**

[54] **AGENT DE DESULFURATION ET DE DENITRATION**

[72] WEI, XIONGHUI, CN

[71] YONGFENG BOYUAN INDUSTRY CO. LTD., JIANGXI PROVINCE, CN

[85] 2017-08-30

[86] 2016-03-09 (PCT/CN2016/075922)

[87] (WO2016/150302)

[30] CN (201510124669.6) 2015-03-20

[21] 2,978,200
[13] A1

[51] Int.Cl. H04L 1/00 (2006.01) H04W 74/08 (2009.01) H04W 84/12 (2009.01) H04L 1/16 (2006.01)

[25] EN

[54] **PROCESSING TIME EXTENSION FOR HIGH BANDWIDTH WIRELESS COMMUNICATIONS**

[54] **EXTENSION DE TEMPS DE TRAITEMENT POUR COMMUNICATIONS SANS FIL DE LARGEUR DE BANDE ELEVEE**

[72] BHARADWAJ, ARJUN, US

[72] KIM, YOUNG, US

[72] PATEL, VISHVABHUSAN, US

[72] TIAN, BIN, US

[72] VERMANI, SAMEER, US

[71] QUALCOMM INCORPORATED, US

[85] 2017-08-29

[86] 2016-04-07 (PCT/US2016/026332)

[87] (WO2016/164517)

[30] US (62/144,216) 2015-04-07

[30] US (15/092,467) 2016-04-06

[21] 2,978,201
[13] A1

[51] Int.Cl. A61K 45/06 (2006.01)

[25] EN

[54] **OXYBUTYNIN TRANSDERMAL THERAPEUTIC SYSTEM MUSCARINIC AGONIST COMBINATION**

[54] **COMBINAISON D'AGONISTE DES RECEPTEURS MUSCARINIQUES ET D'OXYBUTYNINE DANS UN SYSTEME THERAPEUTIQUE TRANSDERMIQUE**

[72] CHASE, THOMAS N., US

[72] CLARENCE-SMITH, KATHLEEN E., US

[71] CHASE PHARMACEUTICALS CORPORATION, US

[85] 2017-08-29

[86] 2016-03-04 (PCT/US2016/020815)

[87] (WO2016/144719)

[30] US (62/129,279) 2015-03-06

[30] US (62/144,010) 2015-04-07

[30] US (62/166,430) 2015-05-26

[21] 2,978,202
[13] A1

[51] Int.Cl. G01N 33/53 (2006.01) G01N 33/48 (2006.01)

[25] EN

[54] **NANOPORE DETECTION OF SMALL MOLECULES THROUGH COMPETITION ASSAYS**

[54] **DETECTION PAR NANOPORES DE PETITES MOLECULES PAR DES ANALYSES DE CONCURRENCE**

[72] MORIN, TREVOR J., US

[71] TWO PORE GUYS, INC., US

[85] 2017-08-29

[86] 2016-03-11 (PCT/US2016/022210)

[87] (WO2016/145415)

[30] US (62/131,693) 2015-03-11

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[13] A1

[51] Int.Cl. A61K 9/14 (2006.01) A61B 6/03 (2006.01) A61B 8/13 (2006.01) A61K 9/10 (2006.01) A61K 9/50 (2006.01) A61K 49/04 (2006.01)

[25] EN

[54] ENCAPSULATED GAS OR PARTIAL VACUUM CT CONTRAST MATERIAL

[54] MATERIAU DE CONTRASTE EN TOMOGRAPHIE ASSISTEE PAR ORDINATEUR AVEC GAZ ENCAPSULE OU VIDE PARTIEL

[72] YEH, BENJAMIN M., US

[72] FU, YANJUN, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2017-08-29

[86] 2016-04-20 (PCT/US2016/028503)

[87] (WO2016/172256)

[30] US (62/149,815) 2015-04-20

[21] 2,978,204
[13] A1

[51] Int.Cl. A61K 31/194 (2006.01) A61K 31/397 (2006.01)

[25] EN

[54] FIXED DOSE COMBINATIONS AND FORMULATIONS COMPRISING ETC1002 AND EZETIMIBE AND METHODS OF TREATING OR REDUCING THE RISK OF CARDIOVASCULAR DISEASE

[54] COMBINAISONS ET FORMULATIONS DE DOSES FIXES COMPRENANT ETC1002 ET EZETIMIBE, ET PROCEDES DE TRAITEMENT OU DE REDUCTION DU RISQUE DE MALADIE CARDIO-VASCULAIRE

[72] NEWTON, ROGER SCHOFIELD, US

[72] ROSENBERG, NOAH LABAN, US

[72] MACDOUGALL, DIANE ELAINE, US

[71] ESPERION THERAPEUTICS, INC., US

[85] 2017-08-29

[86] 2016-03-14 (PCT/US2016/022319)

[87] (WO2016/149191)

[30] US (62/133,128) 2015-03-13

[30] US (62/250,921) 2015-11-04

[21] 2,978,214
[13] A1

[51] Int.Cl. C07D 471/10 (2006.01) A61K 31/4015 (2006.01) A61K 31/435 (2006.01) A61K 31/439 (2006.01) A61P 25/00 (2006.01) C07D 491/10 (2006.01)

[25] EN

[54] PERIPHERAL-ANTICHOLINERGIC MUSCARINIC AGONIST COMBINATION

[54] COMBINAISON CONTENANT UN ANTICHOLINERGIQUE PERIPHERIQUE ET UN AGONISTE MUSCARINIQUE

[72] CLARENCE-SMITT, KATHLEEN E., US

[72] CHASE, THOMAS N., US

[71] CHASE PHARMACEUTICALS CORPORATION, US

[85] 2017-08-29

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[72] SHI, YOUJIANG, CN

[71] WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD., CN

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[72] MATSUMURA, HIDEO, JP

[72] MORISHITA, KEIJI, JP

[72] ARAKAWA, DAISUKE, JP

[71] THE CHUGOKU ELECTRIC POWER CO., INC., JP

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[54] **PROCEDE POUR LA PRODUCTION DE SULFURE DE NICKEL ET PROCEDE HYDROMETALLURGIQUE POUR MINERAI D'OXYDE DE NICKEL**

[72] NAKAMURA, SHINICHIRO, JP

[72] NAKAI, OSAMU, JP

[72] MITSUI, HIROYUKI, JP

[72] SHIBAYAMA, KEISUKE, JP

[71] SUMITOMO METAL MINING CO., LTD., JP

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[54] **MATERIAU EN TITANE, SEPARATEUR, PILE A COMBUSTIBLE A HAUT POLYMERE SOLIDE ET PROCEDE DE FABRICATION D'UN MATERIAU EN TITANE**

[72] IMAMURA, JUNKO, JP

[72] NISHIYAMA, YOSHITAKA, JP

[72] MASAKI, YASUHIRO, JP

[72] MAKI, JUN, JP

[72] TANIGUCHI, SHUNSUKE, JP

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[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

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[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE CONSTITUE DE COMBINAISONS D'OXYBUTYNINE ET DE XANOMELINE**

[72] CHASE, THOMAS N., US

[72] CLARENCE-SMITH, KATHLEEN E., US

[71] CHASE PHARMACEUTICALS CORPORATION, US

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[54] **COMPOSITION POUR L'AMELIORATION OU LA PREVENTION DE LA STEATOSE HEPATIQUE NON ALCOOLIQUE**

[72] KESSOKU, TAKAOMI, JP

[72] NAKAJIMA, ATSUSHI, JP

[72] SUMIDA, YOSHIO, JP

[72] EGUCHI, YUICHIRO, JP

[72] SATO, SUSUMU, JP

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[72] CESSNA, DAVID, US

[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US

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[72] ENGMANN, JAN BENDIX, DK

[72] DAHL, JOERGEN, DK

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[54] AGENT DE TRAITEMENT D'UNE INFECTION RESPIRATOIRE
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[72] YOSHIDA, HISAO, JP
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[72] FANG, QI, US
[72] DYAKONOV, TATYANA, US
[72] FATMI, AQEEL A., US
[72] GOSANGARI, SAUJANYA, US
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[54] APPAREILS ET PROCEDES POUR GERER LES PROPRIETES DE FLUIDE DE Puits DE FORAGE
[72] KLEINGUETL, KEVIN GREGORY, US
[72] JAMISON, DALE E., US
[72] BELL, JASON GLEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[71] BENDIX SPICER FOUNDATION BRAKE LLC, US
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[54] PROCEDES DE TRAITEMENT DU CANCER AVEC UN COMPOSE LIGAND DU PSMA-TUBULYSINE
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[72] NGUYEN, BINH, US
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[72] DOUGLASS, KEVIN, US
[72] HUMPHRIES, DAVID, US
[72] MASON, BEAUREGARD, US
[72] PELLERIN, MARIO, US
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[54] **SYSTEME ET PROCEDE DE DEPLOIEMENT DE CAPTEURS ET DE CABLES DE Puits DE FORAGE INSTRUMENTES**
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[71] TOUCHROCK, INC., US
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[54] **COCHLEATES ET PROCEDES POUR LES UTILISER AFIN D'AMELIORER LA PENETRATION TISSULAIRE D'UN AGENT PHARMACOLOGIQUEMENT ACTIF**
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[72] LU, RUYING, US
[71] MATINAS BIOPHARMA NANOTECHNOLOGIES, INC., US
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[72] ALAN, CLUKE, US
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[71] FRITEL & ASSOCIATES, LLC, US
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[54] **NUCLEASES CRISPR-CAS9 GENETIQUEMENT MODIFIEES PRESENTANT UNE SPECIFICITE PAM MODIFIEE**
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[54] **COMPOSITIONS ET METHODES POUR AMELIORER L'EFFICACITE DE TRAITEMENT DU CANCER**
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[71] PROVIDENCE HEALTH & SERVICES-OREGON, US
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[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'AIDE DANS UNE INSTALLATION COMMERCIALE**
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[72] ATCHLEY, MICHAEL D., US
[72] CHAKROBARTY, SIVURO, US
[72] KAY, KARL, US
[72] MCHALE, BRIAN G., GB
[72] TAYLOR, ROBERT C., US
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- [72] NIELSEN, PATRICK M., US
- [72] DEMILLE, VERN, US
- [72] KILRAIN, JOSEPH C., US
- [72] MEYER, SCOTT, US
- [72] DONOHOO, JUSTIN, US
- [72] KOZEK, EDWARD, US
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- [72] BOWEN, RAFAEL LEE, US
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- [72] WANG, BEATRICE TIEN-YI, US
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- [72] ZHANG, PING, US
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- [71] SONY CORPORATION, JP
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[54] PROCESSING OF BIOMASS MATERIALS

[54] TRAITEMENT DE MATERIAUX DE BIOMASSE

[72] MEDOFF, MARSHALL, US

[72] MASTERMAN, THOMAS CRAIG, US

[72] FINN, MICHAEL W., US

[71] XYLECO, INC., US

[85] 2017-08-30

[86] 2016-03-30 (PCT/US2016/024964)

[87] (WO2016/160955)

[30] US (62/140,793) 2015-03-31

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[25] EN

[54] REMOVAL OF OIL RECOVERY CHEMICALS FROM PRODUCTION FLUIDS

[54] ELIMINATION DES PRODUITS CHIMIQUES DE RECUPERATION D'HUILE DES FLUIDES DE PRODUCTION

[72] MCLELLAND, WILLIAM G., US

[72] THOMAS, SALLY ANN, US

[71] CONOCOPHILLIPS COMPANY, US

[85] 2017-08-30

[86] 2016-04-07 (PCT/US2016/026476)

[87] (WO2016/164601)

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[51] Int.Cl. E21B 34/06 (2006.01) E21B 43/12 (2006.01) E21B 43/24 (2006.01)

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[54] ICD DE TYPE DOUBLE

[72] VACHON, GUY, US

[71] CONOCOPHILLIPS COMPANY, US

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[86] 2016-06-16 (PCT/US2016/037920)

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[21] 2,978,352
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[51] Int.Cl. E21B 7/04 (2006.01) E21B 7/08 (2006.01)

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[54] DIRECTIONAL DRILLING APPARATUS WITH AN ALIGNED HOUSING BORE

[54] APPAREIL DE FORAGE DIRECTIONNEL A TROU DE LOGEMENT ALIGNE

[72] SAVAGE, JOHN KITTIL, CA

[72] HELL, STEVEN GRAHAM, CA

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2017-08-31

[86] 2015-04-16 (PCT/CA2015/000249)

[87] (WO2016/165001)

[21] 2,978,354
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[51] Int.Cl. A22C 7/00 (2006.01) A22C 5/00 (2006.01) B01F 7/08 (2006.01) B01F 7/12 (2006.01)

[25] EN

[54] APPARATUS AND METHOD FOR PROCESSING OF HIGH MEAT CONTENT FOOD OR FEED PRODUCTS

[54] APPAREIL ET PROCEDE DE TRAITEMENT DE PRODUITS ALIMENTAIRES RICHES EN VIANDE DESTINES A LA CONSOMMATION HUMAINE OU ANIMALE

[72] JORGENSEN, THOMAS, DK

[72] WENGER, LAVON, US

[71] WENGER MANUFACTURING, INC., US

[85] 2017-08-30

[86] 2016-07-12 (PCT/US2016/041949)

[87] (WO2017/015003)

[30] US (14/801,946) 2015-07-17

[21] 2,978,355
[13] A1

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[25] EN

[54] DISPLAY STAND

[54] SUPPORT DE PRESENTOIR

[72] SIEBA RAIFOU, JOSE DAVID, CA

[72] DAHDAH, JULIA DAHDAH, CA

[71] SIEBA RAIFOU, JOSE DAVID, CA

[71] DAHDAH, JULIA DAHDAH, CA

[85] 2017-08-31

[86] 2016-02-29 (PCT/CA2016/050210)

[87] (WO2016/138579)

[30] US (62/128,909) 2015-03-05

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[13] A1

[51] Int.Cl. B65G 59/02 (2006.01) B25J 9/00 (2006.01) B25J 15/06 (2006.01)

[25] EN

[54] APPARATUS AND METHOD FOR REPEATEDLY SEPARATING AND DISPLACING A TOPMOST BAG OF A STACK OF BAGS

[54] APPAREIL ET PROCEDE DE SEPARATION ET DE DEPLACEMENT REPETES D'UN SAC SUPERIEUR D'UNE PILE DE SACS

[72] ALBERT, ANDRE, CA

[71] PREMIER TECH TECHNOLOGIES LTD, CA

[85] 2017-08-31

[86] 2016-03-02 (PCT/CA2016/050219)

[87] (WO2016/141462)

[30] US (62/129,089) 2015-03-06

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[25] EN

[54] A SECTIONAL GRADER SYSTEM FOR A MOLD BOARD

[54] SYSTEME DE NIVELEUSE MODULAIRE POUR UN VERSOIR

[72] HUNT, BRAD, CA

[71] VALLEY BLADES LIMITED, CA

[85] 2017-08-31

[86] 2016-03-02 (PCT/CA2016/050222)

[87] (WO2016/138586)

[30] US (62/126,801) 2015-03-02

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- [54] BATTERY MODULE WITH THERMAL RUNAWAY AND GAS EXHAUST MANAGEMENT SYSTEM
- [51] MODULE DE BATTERIE AYANT UN EMBALLEMENT THERMIQUE ET SYSTEME DE GESTION DES GAZ D'ÉCHAPPEMENT
- [72] KRUGER, JOHANNES CHRISTIAN, CA
- [71] TTB HOLDING COMPANY LIMITED, CA
- [85] 2017-08-31
- [86] 2016-03-04 (PCT/CA2016/050236)
- [87] (WO2016/141467)
- [30] US (62/129,116) 2015-03-06

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[13] A1
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- [25] EN
- [54] SURFACE SOLAR SYSTEM
- [54] SYSTEME SOLAIRE EN SURFACE
- [72] HU, XIAOPING, CN
- [71] HOLYMEDIA HOLDINGS CO. LTD., US
- [71] HU, XIAOPING, CN
- [85] 2017-08-31
- [86] 2015-03-04 (PCT/CN2015/073626)
- [87] (WO2016/138442)

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- [54] PASSIVE MODE-LOCKED LASER SYSTEM AND METHOD FOR GENERATION OF LONG PULSES
- [54] SYSTEME LASER VERROUILLE EN MODE PASSIF ET PROCEDE POUR GENERATION D'IMPULSIONS LONGUES
- [72] JESTIN, YOANN, CA
- [72] KUES, MICHAEL, CA
- [72] MORANDOTTI, ROBERTO, CA
- [72] REIMER, CHRISTIAN, CA
- [72] ROZTOCKI, PIOTR, CA
- [72] WETZEL, BENJAMIN, CA
- [71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
- [85] 2017-08-31
- [86] 2016-03-15 (PCT/CA2016/050282)
- [87] (WO2016/145523)
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- [25] EN
- [54] A METHOD AND A SYSTEM FOR PULSED EXCITATION OF A NONLINEAR MEDIUM FOR PHOTON PAIR GENERATION
- [54] PROCEDE ET SYSTEME POUR L'EXCITATION PULSEE D'UN MATERIAU NON LINEAIRE POUR LA GENERATION DE PAIRES DE PHOTONS
- [72] JESTIN, YOANN, CA
- [72] KUES, MICHAEL, CA
- [72] MORANDOTTI, ROBERTO, CA
- [72] REIMER, CHRISTIAN, CA
- [72] ROZTOCKI, PIOTR, CA
- [72] WETZEL, BENJAMIN, CA
- [71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
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- [25] EN
- [54] SUBSTITUTED 2H-PYRAZOLE DERIVATIVES AS ANTICANCER DRUGS
- [54] DERIVE DE 2-HYDROGENE-PYRAZOLE SUBSTITUE SERVANT DE MEDICAMENT ANTICANCEREUX
- [72] DING, CHARLES Z., CN
- [72] CHEN, SHIHUI, CN
- [72] JIAO, BAOPI, CN
- [72] XU, ZHAOHONG, CN
- [72] LIU, YINGCHUN, CN
- [72] LIN, RUHHN, CN
- [72] WANG, FUL, CN
- [72] LI, JIAN, CN
- [71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
- [85] 2017-08-31
- [86] 2016-03-10 (PCT/CN2016/076041)
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- [51] Int.Cl. B29C 59/04 (2006.01) B82Y 40/00 (2011.01)
- [25] EN
- [54] METHOD AND APPARATUS FOR PRODUCING A HIGH ASPECT RATIO NANOSTRUCTURED FOIL BY EXTRUSION COATING OR EXTRUSION CASTING
- [54] PROCEDE ET APPAREIL DE PRODUCTION D'UNE FEUILLE NANOSTRUCTUREE A RAPPORT D'ASPECT ELEVE PAR REVETEMENT PAR EXTRUSION OU MOULAGE PAR EXTRUSION
- [72] PRANOV, HENRIK, DK
- [72] MATSCHUK, MARIA, DK
- [72] WESTAD, SANNE NORUP, DK
- [72] JOHANSEN, PETER LASS, DK
- [72] HROUSGARD, OLE, DK
- [71] INMOLD A/S, DK
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[25] EN

[54] TRACKING A MOTION OF A JAW

[54] SUIVI DE MOUVEMENT DE MACHOIRE

[72] TOIMELA, LASSE, FI

[72] NYIRU M. KUSTAA, FI

[71] PLANIFICA OY, FI

[85] 2017-08-31

[86] 2016-03-09 (PCT/FI2016/050142)

[87] (WO2016/142984)

[30] US (62/130,417) 2015-03-09

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[25] EN

[54] TRAFFIC DIVERSION SIGNALLING SYSTEM AND METHOD

[54] SYSTEME ET PROCEDE DE SIGNALISATION DE DEVIATION DE LA CIRCULATION

[72] AGARWAL, YOGESH, IN

[71] AGARWAL, YOGESH, IN

[85] 2017-08-31

[86] 2016-01-14 (PCT/IN2016/050155)

[87] (WO2016/139542)

[30] IN (60/313111) 2015-03-03

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[13] A1

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[25] EN

[54] PORTABLE VISION ASSISTANCE ASSEMBLY

[54] ENSEMBLE D'AIDE A LA VISION PORTABLE

[72] ROUMBGA, DENEDICTE VALERIE, ZA

[71] ROUMBGA, DENEDICTE VALERIE, ZA

[85] 2017-08-31

[86] 2016-03-02 (PCT/ZA2016/051169)

[87] (WO2016/139592)

[30] ZA (2015/01380) 2015-03-02

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[13] A1

[51] Int.Cl. A61B 17/12 (2006.01)

[25] EN

[54] CATHETERS WITH SIDE OPENINGS FOR MODIFYING AND DELIVERING SUSPENSIONS TO A SUBJECT

[54] CATHETERS AVEC DES OUVERTURES LATERALES PERMETTANT DE MODIFIER ET DE DISTRIBUER DES SUSPENSIONS A UN SUJET

[72] TAL, MICHAEL GABRIEL, IL

[72] MILLER, ERAN, IL

[71] ACCURATE MEDICAL THERAPEUTICS LTD., IL

[85] 2017-08-31

[86] 2016-03-02 (PCT/IL2016/051175)

[87] (WO2016/139597)

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[13] A1

[51] Int.Cl. F01D 9/02 (2006.01) C04B 35/80 (2006.01) F01D 11/00 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)

[25] EN

[54] TURBINE

[54] TURBINE

[72] WATANABE, FUMIAKI, JP

[72] YAGI, HIROYUKI, JP

[71] IHI CORPORATION, JP

[85] 2017-08-31

[86] 2015-10-01 (PCT/JP2015/077963)

[87] (WO2016/199319)

[30] JP (2015-117440) 2015-06-10

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[25] EN

[54] DATA RECEIVING APPARATUS

[54] DISPOSITIF DE RECEPTION DE DONNEES

[72] FUNADA, TOMOYUKI, JP

[72] UMEDA, DAISUKE, JP

[72] TANAKA, NARUTO, JP

[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP

[85] 2017-08-31

[86] 2015-11-25 (PCT/JP2015/083041)

[87] (WO2016/139851)

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[25] EN

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[54] DISPOSITIFS ET PROCEDES DE NAVIGATION

[72] GABBAY, RONEN IZIDOR, IL

[71] GABBAY, RONEN IZIDOR, IL

[71] TREKACE TECHNOLOGIES LTD, IL

[85] 2017-08-31

[86] 2016-01-11 (PCT/IL2016/000001)

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[54] METHOD FOR CONTROLLING RAPID STIRRER, AND RAPID STIRRER

[54] PROCEDE DE COMMANDE D'AGITATEUR RAPIDE, ET AGITATEUR RAPIDE

[72] TAMURA, TAKASHI, JP

[72] HIGASHI, RYUJI, JP

[71] KUBOTA CORPORATION, JP

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- [25] EN
- [54] ANTI-HUMAN MEMBRANE-TYPE ADAM28 ANTIBODY
- [54] ANTICORPS CONTRE L'ADAM28 HUMAIN DE TYPE MEMBRANAIRE
- [72] MIYAKOSHI, AKIRA, JP
- [72] KOJIKI, KANEHISA, JP
- [72] MOCHIZUKI, SATSUKI, JP
- [72] SHIMODA, MASAYUKI, JP
- [72] OKADA, YASUNORI, JP
- [71] GENEFRONTIER CORPORATION, JP
- [71] KEIO UNIVERSITY, JP
- [85] 2017-08-31
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- [87] (WO2016/143702)
- [30] JP (2015-045244) 2015-03-06

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- [51] Int.Cl. C09K 8/80 (2006.01) C09K 8/92 (2006.01) E21B 43/267 (2006.01)
- [25] EN
- [54] STABILIZED PILLARS FOR HYDRAULIC FRACTURING FIELD OF THE DISCLOSURE
- [54] PILIERS STABILISES POUR LA FRACTURATION HYDRAULIQUE
- [72] PANTSURKIN, DANIL SERGEEVICH, RU
- [72] SZABO, GEZA HORVATH, US
- [72] PANGA, MOHAN KANAKA RAJU, US
- [71] SCHLUMBERGER CANADA LIMITED, CA
- [85] 2017-08-31
- [86] 2015-03-03 (PCT/RU2015/000129)
- [87] (WO2016/140591)

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- [51] Int.Cl. A61L 31/00 (2006.01)
- [25] EN
- [54] ANTI-ADHESION MATERIAL AND SUBSTITUTE BIOMEMBRANE USING DECELLULARIZED TISSUE
- [54] MATERIAU ANTI-ADHERENCE ET MEMBRANE BIOLOGIQUE ARTIFICIELLE COMPRENANT CHACUN UN TISSU DECELLULAIRE
- [72] SAGA, HIDEKI, JP
- [72] UCHIDA, TAKANORI, JP
- [72] TOKOROZAKI, SHOKO, JP
- [72] HIWATARI, KEN-ICHIRO, JP
- [72] OBARA, HARUKI, JP
- [72] KISHIDA, AKIO, JP
- [72] KIMURA, TSUYOSHI, JP
- [72] NEGISHI, JUN, JP
- [72] HIGAMI, TETSUYA, JP
- [72] FUNAMOTO, SEIICHI, JP
- [71] THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, JP
- [71] ADEKA CORPORATION, JP
- [71] NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY, JP
- [71] SAITORO MEDICAL UNIVERSITY, JP
- [85] 2017-08-31
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- [25] EN
- [54] MATERIALS AND THEIR CHARACTERIZATION IN HETEROGENEOUS PROPPANT PLACEMENT
- [54] MATERIAUX ET LEUR CARACTERISATION DANS LE PLACEMENT D'UN AGENT DE SOUTÈNEMENT HETEROGENE
- [72] LITVINETS, FEDOR NIKOLAEVICH, RU
- [72] MAKARYCHEV-MIKHAILOV, SERGEY MIKHAILOVICH, RU
- [72] PANTSURKIN, DANIL SERGEEVICH, RU
- [72] HORVATH SZABO, GEZA, US
- [72] PANGA, MOHAN KANAKA RAJU, US
- [72] EMELYANOV, DENIS YURIEVICH, RU
- [71] SCHLUMBERGER CANADA LIMITED, CA
- [85] 2017-08-31
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- [25] EN
- [54] METHOD FOR STANDARDISING COMMUNICATION BETWEEN A PLURALITY OF REDEMPTION APPLICATIONS
- [54] PROCEDE POUR STANDARDISER LA COMMUNICATION ENTRE UNE PLURALITE D'APPLICATIONS DE REMBOURSEMENT
- [72] YEN, PHILIP, SG
- [72] YODEN, MICHIOHKO, SG
- [72] LEE, PEI LING, SG
- [72] NAIR, SYAM, SG
- [72] SINGH, HARJENDER, SG
- [71] MASTERCARD ASIA PACIFIC PTE. LTD., SG
- [85] 2017-08-31
- [86] 2016-02-15 (PCT/SG2016/050077)
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- [30] SG (10201501607W) 2015-03-03
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[51] Int.Cl. E02B 17/08 (2006.01) B63B 35/44 (2006.01) E21B 15/02 (2006.01)
[25] EN
[54] JACKUP DRILLING UNIT HAVING MATERIAL STORAGE IN JACKING LEGS
[54] UNITE DE FORAGE AUTO-ELEVATRICE AYANT UN DISPOSITIF DE STOCKAGE DE MATERIAU DANS DES PIEDS DE LEVAGE
[72] DEUL, HANS H.J., US
[72] O'NEIL, PATRICK, US
[71] NOBLE DRILLING SERVICES INC., US
[85] 2017-08-31
[86] 2015-03-09 (PCT/US2015/019348)
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[21] 2,978,407
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[51] Int.Cl. G06Q 20/38 (2012.01) G06Q 20/32 (2012.01) G06Q 30/02 (2012.01)
[25] EN
[54] METHOD FOR ENABLING A COMMUNICATION LINK BETWEEN A MOBILE TERMINAL AND A RECEIVING TERMINAL
[54] PROCEDE D'AUTORISATION DE LIAISON DE COMMUNICATION ENTRE UN TERMINAL MOBILE ET UN TERMINAL DE RECEPTION
[72] YEN, PHILIP, SG
[72] YODEN, MICHIIKO, SG
[72] LEE, PEI LING, SG
[72] NAIR, SYAM, SG
[72] SINGH, HARJENDER, SG
[71] MASTERCARD ASIA PACIFIC PTE. LTD., SG
[85] 2017-08-31
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[87] (WO2016/140621)
[30] SG (10201501607W) 2015-03-03
[30] SG (10201506662X) 2015-08-21

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[51] Int.Cl. A61K 48/00 (2006.01) A61K 38/17 (2006.01) A61P 25/28 (2006.01) G01N 33/68 (2006.01)
[25] EN
[54] DIAGNOSTIC TEST AND TREATMENT/PREVENTION OF ALZHEIMER'S DISEASE
[54] TEST DE DIAGNOSTIC ET DE TRAITEMENT/PREVENTION DE LA MALADIE D'ALZHEIMER
[72] BOLLON, ARTHUR P., US
[72] QU, BAOXI, US
[71] VITRUVIAN BIOMEDICAL, INC., US
[85] 2017-08-31
[86] 2015-05-15 (PCT/US2015/031011)
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[51] Int.Cl. A61B 5/02 (2006.01)
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[54] PULSE MONITORING
[54] SURVEILLANCE DU POULS
[72] GORDON, BRIAN MICHAEL, US
[72] SCHLOSSBERG, HOWARD, US
[72] REICHL, HERBERT, US
[71] H D I ENTERPRISES, LLC, US
[85] 2017-08-31
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[51] Int.Cl. A61K 31/4439 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)
[25] EN
[54] THERAPEUTIC AGENT FOR FRONTAL LOBE DYSFUNCTION
[54] AGENT THERAPEUTIQUE POUR LE DYSFONCTIONNEMENT DU LOBE FRONTAL
[72] HORITA, TAKAKO, JP
[71] KYOWA HAKKO KIRIN CO., LTD., JP
[85] 2017-08-30
[86] 2016-03-18 (PCT/JP2016/059788)
[87] (WO2016/148308)
[30] JP (2015-055532) 2015-03-19

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[13] A1
[51] Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/48 (2006.01)
[25] EN
[54] REDUCING NOISE IN A DISTRIBUTED ACOUSTIC SENSING SYSTEM DOWNHOLE
[54] REDUCTION DU BRUIT DANS UN SYSTEME DE DETECTION ACOUSTIQUE DISTRIBUEE DE FOND DE TROU
[72] SUII, KWANG, II, US
[72] BUSH, IRA JEFF, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-08-31
[86] 2015-04-07 (PCT/US2015/024784)
[87] (WO2016/164002)

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[13] A1
[51] Int.Cl. A61K 38/00 (2006.01) A61K 9/00 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 17/02 (2006.01) A61P 19/02 (2006.01) A61P 19/04 (2006.01) A61P 21/00 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01) A61P 43/00 (2006.01)
[25] EN
[54] METHOD OF TREATING A LOCALIZED FIBROTIC DISORDER USING A TNF RECEPTOR 2 ANTAGONIST
[54] METHODE DE TRAITEMENT D'UN TROUBLE FIBROTIQUE LOCALISE A L'AIDE D'UN ANTAGONISTE DU RECEPTEUR DU TNF DE TYPE 2
[72] LARSEN, GLENN, US
[72] NANCHAHAL, JAGDEEP, GB
[72] FELDMANN, MARC, GB
[71] 180 THERAPEUTICS LP, US
[85] 2017-08-31
[86] 2016-02-29 (PCT/US2016/020103)
[87] (WO2016/140922)
[30] US (62/127,157) 2015-03-02

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[21] 2,978,435 [13] A1 [51] Int.Cl. C07K 14/47 (2006.01) C07K 14/765 (2006.01) C12N 15/11 (2006.01) [25] EN [54] PROTOXIN-II VARIANTS AND METHODS OF USE [54] VARIANTS DE PROTOXINE II ET METHODES D'UTILISATION [72] FLINSPACH, MACK, US [72] WICKENDEN, ALAN, US [71] JANSSEN PHOTEC, INC., US [85] 2017-08-31 [86] 2016-02-25 (PCT/US2016/019549) [87] (WO2016/140859) [30] US (62/127,339) 2015-03-03	[21] 2,978,441 [13] A1 [51] Int.Cl. F03D 13/35 (2016.01) [25] EN [54] REDUCED PROFILE WIND TOWER SYSTEM FOR LAND-BASED AND OFFSHORE APPLICATIONS [54] SYSTEME DE TOUR EOLIENNE A PROFIL REDUIT POUR APPLICATIONS TERRESTRES ET EN MER [72] AGASSI, NISSIM, US [71] AGASSI, NISSIM, US [85] 2017-08-31 [86] 2016-02-26 (PCT/US2016/019881) [87] (WO2016/140892) [30] US (62/127,497) 2015-03-03	[21] 2,978,449 [13] A1 [51] Int.Cl. C07K 16/28 (2006.01) [25] EN [54] METHOD OF TREATING A LOCALIZED FIBROTIC DISORDER USING AN IL-33 ANTAGONIST [54] METHODE DE TRAITEMENT D'UN TROUBLE FIBROTIQUE LOCALISE A L'AIDE D'UN ANTAGONISTE DE L'IL-33 [72] LARSEN, GLENN, US [72] NANCHAHAL, JAGDEEP, GB [72] FELDMAN, MARC, GB [71] 180 THERAPEUTICS LP, US [85] 2017-08-31 [86] 2016-02-29 (PCT/US2016/020101) [87] (WO2016/140921) [30] US (62/127,157) 2015-03-02
[21] 2,978,436 [13] A1 [51] Int.Cl. H04L 9/08 (2006.01) H04L 9/16 (2006.01) H04L 9/32 (2006.01) [25] EN [54] ACCESS CONTROL FOR ENCRYPTED DATA IN MACHINE-READABLE IDENTIFIERS [54] CONTROLE D'ACCES POUR DES DONNEES CRYPTÉES DANS DES IDENTIFIANTS LISIBLES PAR MACHINE [72] HILL, KENNETH, US [72] HILL, KATHERINE S., US [71] WONDERHEALTH LLC, US [85] 2017-08-31 [86] 2016-03-02 (PCT/US2016/020388) [87] (WO2016/141029) [30] US (62/127,404) 2015-03-03	[21] 2,978,443 [13] A1 [51] Int.Cl. B65G 49/06 (2006.01) C03B 35/26 (2006.01) G01N 21/958 (2006.01) [25] EN [54] GLASS SHEET ACQUISITION AND POSITIONING SYSTEM [54] SYSTEME D'ACQUISITION ET DE POSITIONNEMENT DE FEUILLE DE VERRE [72] VILD, MICHAEL, US [72] ADDINGTON, JASON, US [72] MORAN, BENJAMIN, US [71] GLASSTECH INC., US [85] 2017-08-31 [86] 2016-02-02 (PCT/US2016/016095) [87] (WO2016/140753) [30] US (14/639,655) 2015-03-05	

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[13] A1

[51] **Int.Cl. H04R 1/10 (2006.01)**
[25] EN
[54] **PERSONAL ACOUSTIC SYSTEMS AND FLEXIBLE EARPIECE MOUNTS FOR THE SAME**
[54] **SYSTEMES ACOUSTIQUES PERSONNELS ET SUPPORTS D'ECOUTEUR SOUPLES POUR CES DERNIERS**
[72] BLAIR, NICHOLAS STANFORD, US
[71] KOSS CORPORATION, US
[85] 2017-08-31
[86] 2016-02-02 (PCT/US2016/016144)
[87] (WO2016/148786)
[30] US (14/660,292) 2015-03-17

[21] **2,978,456**
[13] A1

[51] **Int.Cl. G06Q 20/36 (2012.01) G06F 3/0481 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MOBILE CHECKOUT**
[54] **SYSTEME ET PROCEDE DE VERIFICATION MOBILE**
[72] HEALY, TODD ALLAN, US
[72] YIM, STEPHANIE, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-08-31
[86] 2016-03-07 (PCT/US2016/021228)
[87] (WO2016/144894)
[30] US (62/129,455) 2015-03-06

[21] **2,978,457**
[13] A1

[51] **Int.Cl. A01K 67/00 (2006.01) A01K 67/027 (2006.01) C12N 15/00 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **ETV2 AND USES THEREOF**
[54] **ETV2 ET SES UTILISATIONS**
[72] GARRY, DANIEL J., US
[72] GARRY, MARY G., US
[72] RASMUSSEN, TARA, US
[72] KOYANO-NAKAGAWA, NAOKO, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2017-08-31
[86] 2016-03-03 (PCT/US2016/020768)
[87] (WO2016/141234)
[30] US (62/127,330) 2015-03-03

[21] **2,978,460**
[13] A1

[51] **Int.Cl. F28F 27/00 (2006.01)**
[25] EN
[54] **LOAD BEARING, DIRECT DRIVE FAN SYSTEM WITH VARIABLE PROCESS CONTROL**
[54] **SYSTEME DE VENTILATEUR A ENTRAINEMENT DIRECT, PORTEUR DE CHARGE, PRESENTANT UNE COMMANDE DE PROCESSUS VARIABLE**
[72] ROLLINS, PATRICK M., US
[72] LUCAS, GEORGE, US
[72] COSTELLO, JOSEPH, US
[71] PRIME DATUM DEVELOPMENT COMPANY, LLC, US
[85] 2017-08-31
[86] 2016-02-05 (PCT/US2016/016895)
[87] (WO2016/127136)
[30] US (62/113,277) 2015-02-06

[21] **2,978,461**
[13] A1

[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/32 (2012.01) G06Q 20/36 (2012.01)**
[25] EN
[54] **SECURE MOBILE REMOTE PAYMENTS**
[54] **PAIEMENTS A DISTANCE SECURISES PAR DISPOSITIFS MOBILES**
[72] MAIN, JONATHAN J., GB
[72] FARYSHEV, IGOR, US
[72] OZA, CHINTAN, US
[72] WANG, ALAN, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-08-31
[86] 2016-03-07 (PCT/US2016/021244)
[87] (WO2016/144904)
[30] US (62/129,391) 2015-03-06

[21] **2,978,464**
[13] A1

[51] **Int.Cl. A61K 47/02 (2006.01) A61K 31/137 (2006.01)**
[25] EN
[54] **EPINEPHRINE FORMULATIONS**
[54] **FORMULATIONS D'EPINEPHRINE**
[72] KANNAN, VINAYAGAM, US
[72] IRISH, PATRICK, US
[72] BERGREN, MICHAEL, US
[71] PAR PHARMACEUTICAL, INC., US
[85] 2017-08-31
[86] 2016-03-10 (PCT/US2016/021716)
[87] (WO2016/149028)
[30] US (14/657,990) 2015-03-13

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[13] A1

[51] **Int.Cl. E01B 9/38 (2006.01) E01B 9/02 (2006.01) E01B 9/42 (2006.01) E01B 9/44 (2006.01) E01B 9/62 (2006.01)**
[25] EN
[54] **TRACK-MOUNTING ASSEMBLY**
[54] **ENSEMBLE DE MONTAGE DE VOIE**
[72] CONSTANTINE, EDWARD, US
[72] OSLER, WILBUR, US
[71] AMSTED RAIL COMPANY, US
[85] 2017-08-31
[86] 2016-03-17 (PCT/US2016/022950)
[87] (WO2016/164154)
[30] US (14/682,219) 2015-04-09

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[13] A1

[51] **Int.Cl. A61L 2/10 (2006.01)**
[25] EN
[54] **LIGHT DISINFECTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DESINFECTION PAR LA LUMIERE**
[72] ALLEN, GARY ROBERT, US
[72] CLYNNE, THOMAS, US
[72] BENNER, KEVIN JEFFREY, US
[72] VICK, KEVIN JAMES, US
[72] KVAM, ERIK LEEJING, US
[71] GE LIGHTING SOLUTIONS, LLC, US
[85] 2017-08-31
[86] 2016-03-11 (PCT/US2016/021899)
[87] (WO2016/149055)
[30] US (62/134,954) 2015-03-18
[30] US (15/065,894) 2016-03-10

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[13] A1

[51] **Int.Cl. C08F 2/00 (2006.01) C08F 4/00 (2006.01) C08F 4/42 (2006.01) C11B 3/00 (2006.01) C11B 3/08 (2006.01)**
[25] EN
[54] **POLYMERIZED OILS & METHODS OF MANUFACTURING THE SAME**
[54] **HUILES POLYMERISEES ET LEUR PROCEDES DE FABRICATION**
[72] KURTH, TODD, US
[72] LOCHIE, FRANK, US
[72] STAUDIHAR, SUZANNE, US
[72] TABATABAEI, HASSAN, US
[71] CARGILL, INCORPORATED, US
[85] 2017-08-31
[86] 2016-03-11 (PCT/US2016/022035)
[87] (WO2016/149102)
[30] US (62/133,010) 2015-03-13

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[13] A1
[51] Int.Cl. H04W 72/04 (2009.01)
[25] EN
[54] UPLINK DATA TRANSMISSION METHOD AND APPARATUS
[54] PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES DE LIAISON MONTANTE
[72] XU, XIUQIANG, CN
[72] WANG, LEI, CN
[72] ZHANG, SHUNQING, CN
[72] CHEN, YAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-09-01
[86] 2015-03-03 (PCT/CN2015/073567)
[87] (WO2016/138632)

[21] 2,978,478
[13] A1
[51] Int.Cl. B29C 55/16 (2006.01)
[25] EN
[54] SADDLE CURVED-SURFACE TRANSITION-BASED STEPLESS BIDIRECTIONAL STRETCHING METHOD AND DEVICE FOR FILM
[54] PROCEDE ET DISPOSITIF D'ETIRAGE BIDIRECTIONNEL A VARIATION CONTINUE A BASE DE TRANSITION DE SURFACE INCURVEE EN FORME DE SELLE POUR FILM
[72] QU, JINPING, CN
[72] ZHANG, GUIZHEN, CN
[71] SOUTHCINA UNIVERSITY OF TECHNOLOGY, CN
[71] GUANGZHOU HUAXINKE INTELLIGENT MANUFACTURING TECHNOLOGY CO., LTD., CN
[85] 2017-09-01
[86] 2015-12-29 (PCT/CN2015/099635)
[87] (WO2016/150222)
[30] CN (201510134403.X) 2015-03-25

[21] 2,978,481
[13] A1
[51] Int.Cl. G01V 3/08 (2006.01)
[25] EN
[54] METHOD AND DEVICE FOR DETECTING BURIED METAL USING SYNCHRONOUS DETECTION METHOD
[54] METHODE ET DISPOSITIF DE DETECTION DE METAL ENFOUI AU MOYEN D'UNE METHODE DE DETECTION SYNCHRONE
[72] TSUNASAKI, MASARU, JP
[72] KUBOTA, KENSUJI, JP
[71] FUJI TECOM INC., JP
[85] 2017-08-31
[86] 2016-03-10 (PCT/JP2016/057566)
[87] (WO2016/158289)
[30] JP (2015-071891) 2015-03-31

[21] 2,978,482
[13] A1
[51] Int.Cl. B62D 55/24 (2006.01)
[25] EN
[54] TRACK SYSTEM FOR TRACTION OF A VEHICLE
[54] ENSEMBLE CHENILLE POUR LA TRACTION D'UN VEHICULE
[72] BOILY, PATRICE, CA
[71] CAMSO INC., CA
[85] 2017-09-01
[86] 2016-03-04 (PCT/CA2016/050234)
[87] (WO2016/138592)
[30] US (62/128,183) 2015-03-04

[21] 2,978,486
[13] A1
[51] Int.Cl. H04N 21/443 (2011.01) H04N 5/63 (2006.01)
[25] EN
[54] STANDBY POWER CONTROLLER WITH IMPROVED STANDBY DETECTION
[54] CONTROLEUR D'ALIMENTATION EN VEILLE A DETECTION DE VEILLE AMELIOREE
[72] HASKEY, JOHN, AU
[71] EMBERTEC PTY LTD, AU
[85] 2017-09-01
[86] 2016-03-03 (PCT/AU2016/000063)
[87] (WO2016/138551)
[30] AU (2015900774) 2015-03-05

[21] 2,978,487
[13] A1
[51] Int.Cl. G08C 17/02 (2006.01) G06F 1/32 (2006.01) G08C 23/04 (2006.01)
[25] EN
[54] STANDBY POWER CONTROLLER COMMUNICATIONS AND VERIFICATION APPARATUS AND METHOD
[54] APPAREIL ET PROCEDE DE COMMUNICATION ET DE VERIFICATION D'UN CONTROLEUR DE PUISSANCE DE SECOURS
[72] GELONISE, DOMENICO, AU
[71] EMBERTEC PTY LTD, AU
[85] 2017-09-01
[86] 2016-03-10 (PCT/AU2016/000078)
[87] (WO2016/141412)
[30] AU (2015900869) 2015-03-11

[21] 2,978,488
[13] A1
[51] Int.Cl. G06F 17/00 (2006.01) G06F 21/64 (2013.01) G06F 7/00 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR MANAGING DATA
[54] SYSTEMES ET PROCEDES DE GESTION DE DONNEES
[72] WONG, MICHAEL C., CA
[72] VITORINO, PHILIP, CA
[72] ABU-ABED, HISHAM, CA
[72] RIFAIE, MOHAMMAD, CA
[72] ALI, MASOOD, CA
[72] NIEUWLAND, MARK, CA
[72] CHUL, SPENCER, CA
[72] LIAO, GANG, CA
[72] DAS, GITASREE, CA
[71] ROYAL BANK OF CANADA, CA
[85] 2017-09-01
[86] 2016-03-10 (PCT/CA2016/050268)
[87] (WO2016/141491)
[30] US (62/130,955) 2015-03-10

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[13] A1

[51] Int.Cl. H03G 3/20 (2006.01) G01R 23/02 (2006.01)

[25] EN

[54] A SYSTEM, CONTENT EDITING SERVER, AUDIO RECORDING SLAVE DEVICE AND CONTENT EDITING INTERFACE FOR DISTRIBUTED LIVE PERFORMANCE SCHEDULED AUDIO RECORDING, CLOUD-BASED AUDIO CONTENT EDITING AND ONLINE CONTENT DISTRIBUTION OF AUDIO TRACK AND ASSOCIATED METADATA

[54] SYSTEME, SERVEUR DE MODIFICATION DE CONTENU, DISPOSITIF ESCLAVE D'ENREGISTREMENT AUDIO ET INTERFACE DE MODIFICATION DE CONTENU POUR L'ENREGISTREMENT AUDIO PROGRAMME DE REPRESENTATION EN DIRECT DISTRIBUEE, LA MODIFICATION DE CONTENU AUDIO A BASE DEMATERIALISEE ET LA DISTRIBUTION DE CONTENU EN LIGNE DE PISTES AUDIO ET DE METADONNEES ASSOCIEES

[72] TAIT, SIMON, AU

[72] POWELL, RICHARD, AU

[72] JOHNSTON, BRUCE, AU

[71] OPENHD PTY LTD, AU

[85] 2017-09-01

[86] 2016-03-02 (PCT/AU2016/050132)

[87] (WO2016/138556)

[30] AU (2015900735) 2015-03-03

[21] 2,978,494
[13] A1

[51] Int.Cl. F03D 1/04 (2006.01) F03D 1/06 (2006.01) F03D 3/04 (2006.01)

[25] EN

[54] IMPROVED WIND TURBINE SUITABLE FOR MOUNTING WITHOUT A WIND TURBINE TOWER

[54] EOLIENNE AMELIOREE ADAPTEE A UN MONTAGE SANS MAT D'EOLIENNE

[72] O'HAGAN, PETER K., CA

[71] O'HAGAN, PETER K., CA

[85] 2017-09-01

[86] 2016-03-14 (PCT/CA2016/050278)

[87] (WO2016/145520)

[30] CA (2893119) 2015-03-16

[21] 2,978,500
[13] A1

[51] Int.Cl. G06T 17/00 (2006.01) G01V 3/38 (2006.01)

[25] EN

[54] METHOD FOR AUTOMATICALLY EXTRACTING TECTONIC FRAMEWORK OF POTENTIAL FIELD DATA

[54] PROCEDE POUR EXTRAIRE AUTOMATIQUEMENT UN CADRE TECTONIQUE D'UN CHAMP DE POTENTIEL

[72] CAO, DIANHUA, CN

[71] INSTITUTE OF MINERAL RESOURCES, CHINESE ACADEMY OF GEOLOGICAL SCIENCES, CN

[85] 2017-09-01

[86] 2016-03-04 (PCT/CN2016/075626)

[87] (WO2016/138874)

[30] CN (201510096981.9) 2015-03-04

[30] CN (201510303316.2) 2015-06-04

[21] 2,978,504
[13] A1

[51] Int.Cl. H02K 53/00 (2006.01) F03B 17/04 (2006.01) H02K 7/18 (2006.01) H02K 35/02 (2006.01)

[25] EN

[54] AN ELECTROMAGNETIC GENERATOR

[54] GENERATEUR ELECTROMAGNETIQUE

[72] MCCARTNEY, PETER, IE

[71] FARADAY POWER LIMITED, IE

[85] 2017-09-01

[86] 2015-04-08 (PCT/EP2015/057634)

[87] (WO2015/155249)

[30] GB (1406329.1) 2014-04-08

[21] 2,978,507
[13] A1

[51] Int.Cl. C11D 17/00 (2006.01) C11D 1/12 (2006.01) C11D 3/10 (2006.01) C11D 3/20 (2006.01) C11D 3/46 (2006.01)

[25] EN

[54] DETERGENT COMPOSITION IN THE FORM OF AN EFFERVESCENT TABLET

[54] COMPOSITION DETERGENTE SE PRESENTANT SOUS FORME DE PASTILLE EFFERVESCENTE

[72] CAPARROS CASCO, JORDI, ES

[71] MARTI COMA, LORENA, ES

[85] 2017-09-01

[86] 2016-03-09 (PCT/ES2016/070149)

[87] (WO2016/142565)

[30] ES (P201530321) 2015-03-12

[21] 2,978,509
[13] A1

[51] Int.Cl. H05F 3/00 (2006.01) H01T 1/14 (2006.01)

[25] EN

[54] VARIABLE ELECTRIC FIELD BALANCING DEVICE

[54] DISPOSITIF D'EQUILIBRAGE DE CHAMPS ELECTRIQUES VARIABLES

[72] MALDONADO PARDO, ANTONIO JAVIER, AD

[71] DINNTECO INTERNATIONAL, S.L., ES

[85] 2017-09-01

[86] 2016-03-22 (PCT/ES2016/070194)

[87] (WO2016/151173)

[30] ES (P201530389) 2015-03-24

[21] 2,978,511
[13] A1

[51] Int.Cl. G01S 15/89 (2006.01) G01S 19/01 (2010.01) G01K 11/20 (2006.01) G01S 5/16 (2006.01) G01S 15/02 (2006.01) G01S 15/46 (2006.01) G01S 17/42 (2006.01) G01S 17/46 (2006.01) G01S 17/89 (2006.01) G01C 9/00 (2006.01) G01S 15/50 (2006.01) G08C 21/00 (2006.01)

[25] EN

[54] METHOD FOR UNDERWATER SCANNING OF AN OBJECT AND TARGET FOR UNDERWATER SCANNING OF AN OBJECT

[54] PROCEDE ET CIBLE POUR BALAYAGE SUBAQUATIQUE D'UN OBJET

[72] HANNINEN, KIRSI, FI

[72] AUER, OLLI, FI

[72] SAVOLAINEN, MATTI, FI

[71] VRT FINLAND OY, FI

[85] 2017-09-01

[86] 2016-03-02 (PCT/FI2016/050126)

[87] (WO2016/142576)

[30] FI (20155147) 2015-03-06

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[21] 2,978,512
[13] A1

[51] Int.Cl. B65F 5/00 (2006.01) B65G 53/40 (2006.01)

[25] EN

[54] METHOD AND APPARATUS IN A PNEUMATIC PIPE TRANSPORT SYSTEM FOR MATERIAL, AND A CONVEYING SYSTEM FOR WASTES

[54] PROCEDE ET APPAREIL D'UN SYSTEME DE TRANSPORT A TUYAU PNEUMATIQUE POUR MATERIAUX, ET SYSTEME DE CONVOYAGE DE DECHETS

[72] SUNDHOLM, GÖRAN, FI

[71] MARICAP OY, FI

[85] 2017-09-01

[86] 2016-03-08 (PCT/FI2016/050137)

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[54] **SYSTEME DE DETECTION D'ETAT INTERNE DE PILE A COMBUSTIBLE ET PROCEDE DE DETECTION D'ETAT**
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[72] ADAMSKY, KONSTANTIN, IL
[72] LUCASSEN, ANDRE C. B., IL
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[54] **SYSTEMES ET PROCEDES DE NETTOYAGE DE TUBE A L'AIDE DE COMPRIMES**

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[72] KANE, TIMOTHY J., US

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[54] **SOUS-ENSEMBLE POUR UN SAC DE GOLF, ET SYSTEME DE SAC DE GOLF POUR AUTO-ASSEMBLAGE DE CONTENANT**

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[72] ANDERSON, GLEN THOMAS, US
[72] WYBORSKI, RUSSELL J., US
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[72] COVINGTON, LARRY, US
[72] VICKERY, ETHAN, US
[71] COVINGTON, LARRY, US
[71] VM PRODUCTS, INC., US
[71] VICKERY, ETHAN, US
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[54] **DEBITMETRE A ENGRENAGE DOTE D'UN CAPTEUR HORS DE PRODUIT**
[72] TOKHTUEV, EUGENE, US
[72] OWEN, CHRISTOPHER J., US
[72] SKIRDA, ANATOLY, US
[72] SCHILLING, PAUL SIMON, US
[72] SLOBODYAN, VIKTOR, US
[71] ECOLAB USA INC., US
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[54] **CAPTEUR FLUOROMETRIQUE MUTICANAL ET SON PROCEDE D'UTILISATION**
[72] TOKHTUEV, EUGENE, US
[72] SKIRDA, ANATOLY, US
[72] CHRISTENSEN, WILLIAM M., US
[71] ECOLAB USA INC., US
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[54] **LAYERED SUSTAINED-RELEASE MICROBEADS AND METHODS OF MAKING THE SAME**
[54] **MICROBILLES MULTICOUCHES A LIBERATION PROLONGEE ET LEUR PROCEDES DE FABRICATION**
[72] NICHIEL, ROBERT, US
[71] NANO PHARMACEUTICAL LABORATORIES LLC, US
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[54] **AGENTS THERAPEUTIQUES DE TYPE ANTICORPS SE LIANT A CD47**
[72] SWANSON, BARBARA A., US
[72] GRAY, JOHN DIXON, US
[72] ZHOU, HEYUE, US
[71] SORRENTO THERAPEUTICS, INC., US
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[54] **COOKING DEVICE**
[54] **DISPOSITIF DE CUISSON**
[72] SORENSON, NICOLE ANN, US
[72] PROVOLO, DANIEL, US
[72] SAWYER, BYRON SETTI, US
[71] SPECTRUM BRANDS, INC., US
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[54] **PROTEINE DE CIBLAGE D'INTEGRINE ET PROCEDES POUR L'UTILISER**
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[72] TURAGA, CHAKRA RAVI, US
[72] YANG, JENNY, US
[71] GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[71] PRODA BIOTECH LLC, US
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[54] **DISPOSITIFS ET PROCEDES DE VISUALISATION ET DE DETERMINATION DE PROFONDEUR DE PENETRATION DANS UN TISSU CARDIAQUE**
[72] SAMPSON, RUSSEL, US
[72] ADAM, CHARLES J., US
[72] NGUYEN, SON, US
[72] BARON, DAVID SCOTT, US
[71] ANCORA HEART, INC., US
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[54] DISPOSITIFS ET PROCÉDES DE MISE EN PLACE D'IMPLANTS
[72] NAVRATIL, TOMAS, US
[72] DELGADO, JESSIE, US
[72] HUNTER, MICHAEL, US
[71] ENVISIA THERAPEUTICS, INC., US
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[54] SYSTEMES REGLABLES ET PROCÉDES ASSOCIES POUR PROTEGER LA PLOMBERIE SITUÉE SOUS UN EVIER
[72] WEINSTEIN, HAL, US
[71] WEINSTEIN, HAL, US
[85] 2017-09-01
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[54] DOSAGE DE BETA-LACTAMASE SUR ET EFFICACE POUR LA PROTECTION DU MICROBIOME
[72] SLIMAN, JOSEPH, US
[71] SYNTHETIC BIOLOGICS, INC., US
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[71] AFGIN PHARMA, LLC, US
[71] AUNG-DIN, RONALD, US
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[54] APPLICATION SUR CHAMP DE SUCRES POUR AUGMENTER LE RENDEMENT AGRICOLE
[72] WICKSTROM, KURTIS L., US
[72] METZGER, MICHAEL S., US
[71] MINN-DAK FARMERS COOPERATIVE, US
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[54] KITS ET MÉTHODES DE DÉTECTION DE PATHOGENES
[72] DAUNERT, SYLVIA, US
[72] DEO, SAPNA, US
[72] KOHETZ, ERIN, US
[72] BROYLES, DAVID, US
[72] MANFREDI, ANITA, US
[71] UNIVERSITY OF MIAMI, US
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[25] EN
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[54] MÉTHODES DE TRAITEMENT DE MALADIES INFLAMMATOIRES DE L'INTESTIN À L'AIDE D'UN TRAITEMENT CIBLANT L'IFN-GAMMA
[72] TARGAN, STEPHAN R., US
[72] BILSBOROUGH, JANINE, US
[72] MCGOVERN, DERMOT P., US
[71] CEDARS-SINAI MEDICAL CENTER, US
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[54] ENSEMBLE DE PRETRAITEMENT DE RECYCLAGE ET DE FILTRATION D'HUILE USAGÉE
[72] KUTOWY, OLEK, CA
[72] KUTOWY, LIUBOMYR, CA
[71] MEMPHORE CORP., CA
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[54] PROCEDES ET SYSTEMES D'OPTIMISATEUR DE CONCEPTION

[72] SAVIAN, SCOTT, US

[72] SHETTY, SANDESH, US

[72] SANDBERG, ROY BENJAMIN, US

[71] C&D ZODIAC, INC., US

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[54] DRILL STRING PRESSURE ALTERING APPARATUS AND METHOD

[54] APPAREIL ET PROCEDE DE MODIFICATION DE PRESSION DE COLONNE DE FORAGE

[72] BAUDOUIN, TOBY SCOTT, US

[71] KLX ENERGY SERVICES LLC, US

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[54] PINCEAU ET RECIPIENT DE STOCKAGE DE PEINTURE, DISPOSITIF, KIT ET SYSTEME DESTINES A ETRE UTILISES SUR DES RETOUCHES PORTABLES

[72] CHENG, VINCENT, CA

[71] CHENG, VINCENT, CA

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[54] BIODEGRADABLE POLYMER-BASED BIOCOMPOSITES WITH TAILORED PROPERTIES AND METHOD OF MAKING THOSE

[54] BIOCOMPOSITES BIODEGRADABLES A BASE DE POLYMERES PRESENTANT DES PROPRIETES SUR MESURE ET PROCEDE POUR LEUR FABRICATION

[72] MOHANTY, AMAR KUMAR, CA

[72] MISRA, MANJUSRI, CA

[72] ZARRINBAKHSHI, NIMA, CA

[72] MUTHURAJ, RAJENDRAN, CA

[72] WANG, TAO, CA

[72] RODRIGUEZ, ARTURO, CA

[72] VIVEKANANDHAN, SINGARAVELU, IN

[71] UNIVERSITY OF GUELPH, CA

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[54] CONJUGUES ANTICORPS-MEDICAMENT (CAM) SE LIANT AUX PROTEINES FLT3

[72] RUDRA-GANGULY, NANDINI, US

[72] LOWE, CHRISTINE, US

[72] MALIK, FAISAL HAYAT, US

[72] MOON, SUNG JU, US

[72] SNYDER, JOSH, US

[72] AVINA, HECTOR, US

[72] VIRATA, CYRUS, US

[72] CAPO, LINNETTE, US

[72] LIU, GAO, US

[71] AGENSY, INC., US

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[54] OUTILS ET PROCEDES DESTINES A UTILISER DES LOCUS DE DIVISION CELLULAIRE POUR MAITRISER LA PROLIFERATION DE CELLULES

[72] NAGY, ANDRAS, CA

[72] MONETTI, CLAUDIO, CA

[72] LIANG, QIN, CA

[71] SINAI HEALTH SYSTEM, CA

[85] 2017-09-05

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[54] HAIR COLOURING DEVICE

[54] DISPOSITIF DE COLORATION DES CHEVEUX

[72] DOWD, KIERON, AU

[71] DOWD GROUP PTY LTD, AU

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[72] FAUCHER, THOMAS ROMEO, US
[72] LEFAVOUR, JOHN, US
[72] POIRIER, ROBERT, US
[72] WASON, PETER MATTHEW, US
[71] HUBBELL INCORPORATED, US
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[25] EN
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[54] PROTOCOLE DE TRAITEMENT COMBINE
[72] EASTMAN, ALAN R., US
[72] BATES, DARCY, US
[72] KREMMIDIOTIS, GABRIEL, AU
[71] BIONOMICS LIMITED, AU
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[25] EN
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[54] PROCEDE D'AUTHENTIFICATION SANS FIL ET DISPOSITIF D'APPAREIL LOGISTIQUE RECYCLABLE
[72] LIAO, QINGXIN, CN
[72] YE, CHUNJIANG, CN
[72] CAO, YIWEN, CN
[71] SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD., CN
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[72] YE, CHUNJIANG, CN
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[71] SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD., CN
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[72] AXMON, JOAKIM, SE
[72] ANDGART, NIKLAS, SE
[72] ALRIKSSON, PETER, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL.), SE
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[25] EN
[54] DIESEL OIL AND JET FUEL PRODUCTION SYSTEM AND METHOD UTILIZING FISCHER-TROPSCH SYNTHETIC OIL
[54] SYSTEME DE PRODUCTION DE GAZOLE ET DE CARBUREACTEUR ET PROCEDE UTILISANT UNE HUILE DE SYNTHESE FISCHER-TROPSCH
[72] ZHAO, TAO, CN
[72] LAI, BO, CN
[72] YANG, WEIGUANG, CN
[72] WANG, DAWEI, CN
[72] HAO, XUEWEN, CN
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[71] WUHAN KAIJI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD., CN
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[54] ENSEMBLE ARBRE D'ENTRAÎNEMENT POUR MOTEUR A BOUE DE FOND DE TROU CONFIGURE POUR LE FORAGE DIRECTIONNEL

[72] BAUDOIN, TOBY SCOTT, US

[71] KLX ENERGY SERVICES LLC, US

[85] 2017-09-01

[86] 2016-03-14 (PCT/US2016/022300)

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[54] SYSTEME DE DECONTAMINATION DE SITE ET PROCEDE DE DECONTAMINATION D'UN SITE

[72] LABBETT, ANDREW, AU

[72] BLACKAM, MICHAEL, AU

[72] CHEONG, YIK, AU

[71] TETRA TECH, INC., US

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[54] PROCEDE ET SYSTEME DE REFROIDISSEMENT

[72] JAIN, SANDEEP, US

[72] PARIKH, DEWANG, US

[72] SOOD, ASHISH, US

[72] VATS, TANMAYA, US

[72] JAJA, EMAD, US

[71] PEPISCO, INC., US

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[54] COMPOSES ORGANIQUES

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[72] ZHAO, JUN, US

[72] WENNOGLE, LAWRENCE P., US

[71] INTRA-CELLULAR THERAPIES, INC., US

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[72] ZHANG, ZIYANG, US

[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US

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[51] Int.Cl. A61L 27/50 (2006.01) A61L 27/56 (2006.01)

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[54] METHOD FOR BIOFABRICATING COMPOSITE MATERIAL

[54] PROCEDE DE BIOFABRICATION DE MATERIAU COMPOSITE

[72] PURCELL, BRENDAN PATRICK, US

[72] WILLIAMSON, DAVID THOMAS, US

[72] LEE, SUZANNE, US

[72] CONGDON, AMY, GB

[71] MODERN MEADOW, INC., US

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[54] COMPOSITIONS ET METHODES DE TRAITEMENT DE LA TOXICOMANIE

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[25] EN
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[54] PROCEDE ET SYSTEME DE REGULATION DE TEMPERATURE DE FLUIDE DE MOTEUR
[72] VORSTER, JOHANN CHRISTIAAN, ZA
[72] WALTERS, GAVIN CHARLES, ZA
[72] ZOCHER, WALTER, ZA
[71] TRIZ ENGINEERING SOLUTIONS (PTY) LTD, ZA
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[25] EN
[54] METHOD FOR MANUFACTURING IMPELLER
[54] PROCEDE DE PRODUCTION D'IMPULSEUR
[72] ISHIKAWA, HIROSHI, JP
[72] AKAHORI, SHIGETO, JP
[72] TSURUGAI, YOSHINORI, JP
[71] HONDA MOTOR CO., LTD., JP
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[54] PROCEDE ET DISPOSITIF D'ANALYSE DE PROJECTIONS
[72] YOSHINO, TETSUYA, JP
[72] TANABE, JUNYA, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-09-05
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[54] POUDRE CERAMIQUE, ET CORPS FRITTE EN NITRURE DE BORE
[72] HARADA, TAKASHI, JP
[72] KUKINO, SATORU, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[13] A1
[51] Int.Cl. A61M 1/18 (2006.01)
[25] EN
[54] HOLLOW FIBER MEMBRANE BLOOD PURIFYING DEVICE
[54] DISPOSITIF DE PURIFICATION DE SANG A MEMBRANE A FIBRES CREUSES
[72] KOYANO, TOSHIHIRO, JP
[72] ASATSUMA, KEIICHI, JP
[72] KOIZUMI, TOSHINORI, JP
[71] ASAHII KASEI MEDICAL CO., LTD., JP
[85] 2017-09-05
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[25] EN
[54] NOVEL METHODS FOR EARLY IDENTIFICATION OF BONE HEALING ABILITY IN INJURED PATIENTS
[54] NOUVEAUX PROCEDES POUR L'IDENTIFICATION PRECOCE DE LA CAPACITE DE CICATRISATION OSSEUSE CHEZ DES PATIENTS BLESSES
[72] HORAN, ANNAMARIE D., US
[72] MEHTA, SAMIR, US
[72] BALDWIN, DONALD A., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[13] A1
[51] Int.Cl. A61K 31/429 (2006.01) C07D 498/02 (2006.01) C07D 513/02 (2006.01)
[25] EN
[54] METHOD FOR PREPARING LARGAZOLE ANALOGS AND USES THEREOF
[54] PROCEDE DE PREPARATION DE PARTICULES CREUSES ET LEURS UTILISATIONS
[72] WILLIAMS, ROBERT M., US
[72] BRADNER, JAMES E., US
[72] CLAUSEN, DANE, US
[72] WIEST, OLAF G., US
[72] NEWKIRK, TENAYA L., US
[72] BOWERS, ALBERT A., US
[72] GUERRA, JENNIFER MARIE, US
[71] COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] UNIVERSITY OF NOTRE DAME DU LAC, US
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[54] **NOX ADSORBER CATALYST, METHODS AND SYSTEMS**
[54] **CATALYSEUR ADSORBEUR DE NOX, PROCEDES ET SYSTEMES ASSOCIES**
[72] GRUBERT, GERD, DE
[72] NEUBAUER, TORSTEN, DE
[72] PUNKE, ALFRED H., DE
[72] HILGENDORFF, MARCUS, DE
[71] BASF CORPORATION, US
[85] 2017-09-05
[86] 2016-03-03 (PCT/US2016/020605)
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[30] US (62/127,406) 2015-03-03

[21] **2,978,704**
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[51] **Int.Cl. B65G 15/00 (2006.01) H02K 21/22 (2006.01)**
[25] EN
[54] **CONVEYOR BELT DRIVEN GENERATOR**
[54] **GENERATEUR ENTRAINE PAR COURROIE TRANSPORTEUSE**
[72] HARRISON, PAUL B., US
[71] MARTIN ENGINEERING COMPANY, US
[85] 2017-09-05
[86] 2016-03-01 (PCT/US2016/020173)
[87] (WO2016/144605)
[30] US (14/640,810) 2015-03-06

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[25] EN
[54] **WELL FRACTURING SYSTEMS WITH ELECTRICAL MOTORS AND METHODS OF USE**
[54] **SYSTEMES DE FRACTURATION DE PUIT A MOTEURS ELECTRIQUES ET PROCEDES D'UTILISATION**
[72] PAYNE, MARK, US
[72] LIN, HAOMIN, US
[72] ROBERTSON, TOM, US
[71] STEWART & STEVENSON, LLC, US
[85] 2017-09-05
[86] 2016-03-03 (PCT/US2016/020724)
[87] (WO2016/141205)
[30] US (62/128,291) 2015-03-04

[21] **2,978,709**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/52 (2006.01) G01N 33/53 (2006.01)**
[25] EN
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[54] **AMPLIFICATION SELECTIVE D'AMPLICONS CHEVAUCHANTS**
[72] WANG, ZHAOHUI, US
[72] SONG, GANG, US
[71] PILLAR BIOSCIENCES INC., US
[85] 2017-09-05
[86] 2016-03-01 (PCT/US2016/020284)
[87] (WO2016/144619)
[30] US (62/129,360) 2015-03-06

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[13] A1

[51] **Int.Cl. H02G 3/22 (2006.01) F16L 5/08 (2006.01)**
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[72] KARLSSON, ANDREAS, SE
[71] ROXTEC AB, SE
[85] 2017-09-05
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[51] **Int.Cl. G06Q 10/06 (2012.01) G06F 17/50 (2006.01)**
[25] EN
[54] **INTEGRATED EMPLOYEE TRAINING AND PERFORMANCE EVALUATION SYSTEM**
[54] **SYSTEME INTEGRE DE FORMATION D'EMPLOYES ET D'EVALUATION DE PERFORMANCES**
[72] BARRETT, ARCHIE D., US
[72] CHAMBERLAIN, PAUL, US
[72] GALINDO, ANDREW L., US
[72] MOORE, JASON R., US
[72] THOMAS, APRIL, US
[72] BACON, JENNIFER, US
[71] ALCHEMY SYSTEMS, L.P., US
[85] 2017-09-05
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[30] US (61/947,943) 2014-03-04
[30] US (14/639,030) 2015-03-04

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[13] A1

[51] **Int.Cl. A61B 5/117 (2016.01) G06F 3/033 (2013.01) G06K 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND APPARATUS FOR BIOMETRIC IDENTIFICATION OF A UNIQUE USER AND AUTHORIZATION OF THE UNIQUE USER**
[54] **SYSTEME ET APPAREIL D'IDENTIFICATION BIOMETRIQUE D'UN UTILISATEUR UNIQUE ET D'AUTORISATION DE L'UTILISATEUR UNIQUE**
[72] ABREU, MARCIO MARC, US
[71] ABREU, MARCIO MARC, US
[85] 2017-09-05
[86] 2016-03-04 (PCT/US2016/020877)
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[30] US (62/131,032) 2015-03-10

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[25] EN
[54] **FLUIDIC DEVICE FOR QUANTIFYING THE DYNAMIC PERMEABILITY AND HYDRAULIC CONDUCTIVITY OF LIVING TISSUE LAYERS**
[54] **DISPOSITIF FLUIDIQUE POUR QUANTIFIER LA PERMEABILITE DYNAMIQUE ET LA CONDUCTIVITE HYDRAULIQUE DE COUCHES DE TISSU VIVANT**
[72] LEVNER, DANIEL, US
[72] HINOJOSA, CHRISTOPHER DAVID, US
[72] VAN DER MEER, ANDRIES, NL
[72] VAN DER HELM, MARINKE, NL
[72] JAIN, ABHISHEK, US
[72] INGBER, DONALD E., US
[72] ZAMANI, MARJON, US
[71] LEVNER, DANIEL, US
[71] HINOJOSA, CHRISTOPHER DAVID, US
[71] VAN DER MEER, ANDRIES, NL
[71] VAN DER HELM, MARINKE, NL
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[71] INGBER, DONALD E., US
[71] ZAMANI, MARJON, US
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[25] EN
[54] SYNTHESIS AND UTILITY OF NEW CAPGROUP LARGAZOLE ANALOGS
[54] SYNTHESE ET UTILISATION DE NOUVEAUX ANALOGUES DE LARGAZOLE
[72] WILLIAMS, ROBERT M., US
[72] BRADNER, JAMES E., US
[72] CLAUSEN, DANE, US
[72] WIEST, OLAF G., US
[72] ZHAO, LE, US
[72] DUNNE, CHRISTINE ELIZABETH, US
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[71] UNIVERSITY OF NOTRE DAME DU LAC, US
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[86] 2016-03-04 (PCT/US2016/021031)
[87] (WO2016/144814)
[30] US (62/129,174) 2015-03-06

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[51] Int.Cl. A61K 31/706 (2006.01) A61P 31/04 (2006.01) C07H 17/08 (2006.01)
[25] EN
[54] PROCESSES FOR PREPARING FLUOROKETOLIDES
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[72] PEREIRA, DAVID EUGENE, US
[72] SCHNEIDER, STEPHEN E., US
[72] DEO, KESHAV, IN
[71] CEMpra PHARMACEUTICALS, INC., US
[85] 2017-09-05
[86] 2016-03-05 (PCT/US2016/021085)
[87] (WO2016/144833)
[30] US (62/129,305) 2015-03-06

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[51] Int.Cl. C11D 17/08 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR CLEANING A SURFACE AND OTHER APPLICATIONS
[54] COMPOSITIONS ET PROCEDES DE NETTOYAGE D'UNE SURFACE ET AUTRES APPLICATIONS
[72] SMITH-GONZALEZ, MONICA, US
[72] DENISON, DON, US
[71] FLOTEK CHEMISTRY, LLC, US
[85] 2017-09-05
[86] 2016-03-04 (PCT/US2016/020950)
[87] (WO2016/144780)
[30] US (62/129,621) 2015-03-06
[30] US (14/695,657) 2015-04-24

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[13] A1
[51] Int.Cl. A61B 18/12 (2006.01)
[25] EN
[54] ELECTROSURGICAL DEVICE WITH VACUUM PORT
[54] DISPOSITIF ELECTROCHIRURGICAL A ORIFICE D'ASPIRATION
[72] SHVETSOV, KYRYLO, US
[72] PEPÉ, GREGORY, US
[72] MILLER, MICHAEL J., US
[72] CALLAHAN, JOSEPH P., US
[71] BUFFALO FILTER LLC, US
[85] 2017-09-05
[86] 2016-03-04 (PCT/US2016/021008)
[87] (WO2016/144804)
[30] US (62/129,328) 2015-03-06

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[51] Int.Cl. A61F 7/00 (2006.01)
[25] EN
[54] ARTICLES TO MANIPULATE THE TEMPERATURE OF BODY EXTREMITIES
[54] ARTICLES POUR MODIFIER LA TEMPERATURE DES EXTREMITES DU CORPS
[72] ABREU, MARCIO MARC, US
[71] ABREU, MARCIO MARC, US
[85] 2017-09-05
[86] 2016-03-07 (PCT/US2016/021168)
[87] (WO2016/144863)
[30] US (62/131,070) 2015-03-10

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[13] A1
[51] Int.Cl. A61B 17/00 (2006.01) A61F 2/00 (2006.01) A61F 2/02 (2006.01)
[25] EN
[54] DEVICE AND METHOD OF PERFORMING CERCLAGE SACROCERVICOPEXY
[54] DISPOSITIF ET PROCEDE DE REALISATION DE SACROCOLPOPEXIE DE CERCLAGE
[72] ROSENBLATT, PETER L., US
[72] BRUKER, IZI, US
[71] GYNEAPEX SURGICAL, LLC, US
[85] 2017-09-05
[86] 2016-03-07 (PCT/US2016/021214)
[87] (WO2016/144885)
[30] US (62/177,057) 2015-03-06

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[51] Int.Cl. B60D 1/00 (2006.01) B60D 1/06 (2006.01) B60D 1/24 (2006.01) B60D 1/58 (2006.01) G01G 5/00 (2006.01) G01G 19/00 (2006.01)
[25] EN
[54] BALL ASSEMBLY FOR MEASURING TONGUE WEIGHT OF A TRAILER
[54] ENSEMBLE BOULE DE MESURE DE POIDS DE FLECHE D'UNE REMORQUE
[72] MCALLISTER, KEVIN, US
[71] LANDECOR LLC, US
[85] 2017-09-05
[86] 2016-03-07 (PCT/US2016/021266)
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[30] US (14/639,987) 2015-03-05
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[51] Int.Cl. C12Q 1/68 (2006.01) G06F 19/22 (2011.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01)

[25] EN

[54] **METHOD FOR MEASURING A CHANGE IN AN INDIVIDUAL'S IMMUNOREPERTOIRE**

[54] **METHODE DE MESURE D'UN CHANGEMENT DANS L'IMMUNOREPERTOIRE D'UN INDIVIDU**

[72] HAN, JIAN, US

[71] IREPERTOIRE, INC., US

[85] 2017-09-05

[86] 2016-03-04 (PCT/US2016/020939)

[87] (WO2016/144776)

[30] US (62/129,706) 2015-03-06

[21] 2,978,753
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[51] Int.Cl. E21B 17/10 (2006.01) E21B 7/00 (2006.01) E21B 12/00 (2006.01)

[25] EN

[54] **DRILLING APPARATUS WITH A UNITARY BEARING HOUSING**

[54] **APPAREIL DE FORAGE AYANT UN LOGEMENT DE PALIER MONOBLOC**

[72] GHARIB, HOSSAM, CA

[72] PARK, STEVEN, CA

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2017-08-31

[86] 2015-05-08 (PCT/CA2015/000301)

[87] (WO2016/179676)

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[51] Int.Cl. A61B 5/01 (2006.01) A61B 5/0245 (2006.01) A61B 5/0448 (2006.01) G01K 13/00 (2006.01)

[25] EN

[54] **DEVICE CONFIGURED TO POSITION A SENSOR AT AN ABREU BRAIN THERMAL TUNNEL TERMINUS**

[54] **DISPOSITIF CONCU POUR POSITIONNER UN CAPTEUR AU NIVEAU D'UNE EXTREMITÉ D'UN ABTT (TUNNEL THERMIQUE CEREBRAL ABREU)**

[72] ABBEU, MARCIO MARC, US

[71] ABBEU, MARCIO MARC, US

[85] 2017-09-05

[86] 2016-03-09 (PCT/US2016/021513)

[87] (WO2016/145047)

[30] US (62/131,133) 2015-03-10

[21] 2,978,761
[13] A1

[51] Int.Cl. A61M 5/145 (2006.01) A61M 5/142 (2006.01) A61M 5/158 (2006.01) A61M 5/162 (2006.01) A61M 5/168 (2006.01) A61M 5/172 (2006.01)

[25] EN

[54] **DRIVE MECHANISMS FOR DRUG DELIVERY PUMPS**

[54] **MECANISMES D'ENTRAÎNEMENT POUR POMPES D'ADMINISTRATION DE MEDICAMENT**

[72] HANSON, IAN B., US

[72] LAURENCE, LAWTON, US

[72] BENTE, PAUL F., IV, US

[72] DESTEFANO, MARK A., US

[72] DARDANI, IAN P., US

[71] AMGEN INC., US

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[86] 2016-03-09 (PCT/US2016/021585)

[87] (WO2016/145094)

[30] US (62/130,318) 2015-03-09

[30] US (62/134,226) 2015-03-17

[30] US (62/147,435) 2015-04-14

[30] US (62/201,456) 2015-08-05

[30] US (62/242,929) 2015-10-16

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[51] Int.Cl. F16L 55/134 (2006.01) G01M 3/02 (2006.01) G01M 3/04 (2006.01) G01M 3/20 (2006.01) G01M 3/26 (2006.01) G01M 3/28 (2006.01)

[25] EN

[54] **BALLOON CATHETER APPARATUS FOR INTERNAL COMBUSTION ENGINE COMPONENT LEAK DETECTION AND HIGH PRESSURE LEAK DETECTION**

[54] **APPAREIL DE CATHETER A BALLONNET POUR DETECTION DE FUITE DE COMPOSANT DE MOTEUR A COMBUSTION INTERNE ET DETECTION DE FUITE A HAUTE PRESSION**

[72] PARKER, ZACHARY M., US

[72] PIERONI, KENNETH A., US

[71] REDLINE DETECTION, LLC, US

[85] 2017-09-05

[86] 2016-03-09 (PCT/US2016/021586)

[87] (WO2016/145095)

[30] US (14/642,417) 2015-03-09

[21] 2,978,764
[13] A1

[51] Int.Cl. A01N 25/00 (2006.01) A01N 25/02 (2006.01) A01N 25/08 (2006.01)

[25] EN

[54] **IMPROVED SEED LUBRICANT COMPOSITION**

[54] **COMPOSITION AMELIOREE DE LUBRIFICATION DE GRAINES**

[72] BAUMGARTNER, RUTH, CH

[72] SCHAEZT, ALEXANDER, CH

[72] BAUM, STEFAN, CH

[72] HUSMANN, DANIEL, CH

[71] SYNGENTA PARTICIPATIONS AG, CH

[85] 2017-09-05

[86] 2016-03-10 (PCT/US2016/021685)

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[72] WIN, MAUNG N., US
[72] RADAKOVITS, RANDOR R., US
[72] FELNAGLE, ELIZABETH, A., US
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[54] DISPOSITIF DE COMMANDE POUR APPAREILS D'ECLAIRAGE A SEMI-CONDUCTEURS
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[71] HUBBELL INCORPORATED, US
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[51] Int.Cl. H05B 37/02 (2006.01) F21V 21/00 (2006.01) F21V 21/15 (2006.01)
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[72] ROMANO, PERRY, US
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[54] DISPOSITIFS, APPAREILS, SYSTEMES ET PROCEDES POUR MESURER LA TEMPERATURE D'UNE TERMINAISON ABTT
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[71] ABREU, MARCIO MARC, US
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[25] EN
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[54] SYSTEME ET PROCEDE PERMETTANT DE FACILITER LA RECONNAISSANCE SOCIALE D'AGENTS
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[72] KANNAN, PALLIPURAM, US
[71] 24/7 CUSTOMER, INC., US
[85] 2017-09-05
[86] 2016-03-10 (PCT/US2016/021832)
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[54] APPAREIL POUR LA MESURE D'UN PARAMETRE D'UN CORPS HUMAIN AU NIVEAU D'UN TUNNEL THERMIQUE ABREU DU CERVEAU (ABTT)
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[25] EN
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[54] FERMETURE DE SURETE DESTINEE A UN CONTENANT A CONDUIT D'APPROVISIONNEMENT DE MATIERE
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[71] KRONES AG, DE
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[54] TRAITEMENT DE FLUX DE GAZ NATUREL RICHES EN AZOTE
[72] WHITE, VINCENT, GB
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[71] VIVINT, INC., US
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[54] PROCEDE DE RECUPERATION DE MATIERE DE RESIDUS DE FORAGE TRAITES AU DILUANT
[72] ROSS, STAN, CA
[72] BIERSTEKER, MIKE, CA
[72] PALMER, WENDELL, CA
[72] SUDLOW, PAUL, CA
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[54] SYSTEME ET PROCEDE DE SEPARATION ADSORPTIVE INTEGREE DE GAZ DE COMBUSTION
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[54] DISPOSITIF DE LEVAGE DE PATE A PAPIER POUR INSTALLATION DANS UN BROEUR ROTATIF
[72] ALLENUS, HANS, FI
[72] HINDSTROM, SAMI, FI
[72] VIRTANEN, MARKKU, FI
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[71] K-FEE SYSTEM GMBH, DE
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[54] **PROCESSING EQUIPMENT INCLUDING IMPROVED SCREEN HOLE OPENING CONSTRUCTIONS**
[54] **MATERIEL DE TRAITEMENT MUNI D'UN DISPOSITIF DE CRIBLAGE AMELIORE**
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[72] SIMONUTTI, ERMANNIO, US
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[72] COMPEAU, DAVID, US
[72] GOHLKE, ASHLEY A., US
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[72] CLAY, KEVIN J., US
[72] DARR, RICHARD C., US
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[54] **PROCEDES DE MANUTENTION DE ROULEAUX DE MATERIAUX FIBREUX**
[72] OVERLEY, MATTHEW BERNARD, US
[72] BROKOPP, WESLEY BERNARD, US
[72] NOLL, JOSEPH CLIFFORD, US
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[71] XYLECO, INC., US
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[54] **CONDITIONNEMENT D'UN PANNEAU VITRE**
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[71] BELRON HUNGARY KFT - ZUG BRANCH, CH
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[54] **ELECTROSTATIC FINE DUST
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ELECTRODE THEREFOR**
[54] **SYSTEME DE FILTRATION DE
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[72] NESTI, LEON J., US
[72] TUAN, ROCKY S., US
[71] THE HENRY M. JACKSON
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[54] **SYSTEME ET METHODES
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[72] GABORIT, VINCENT, FR
[72] MARONEY, BRIAN, US
[72] HODOREK, BRIAN C., US
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[72] SIRVEAUX, FRANCOIS, FR
[72] KELLY, JAMES, US
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[72] MOLE, DANIEL, FR
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[54] **SYSTEME DE TRAITEMENT DE
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[71] CADBURY UK LIMITED, GB
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[72] TAFT, JEFFREY D., US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] PROCEDE DE PRODUCTION D'UN FILM STRUCTURE
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[72] HELLER, BERNADETTE, US
[72] HARTMANN, ANDRE, DE
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[25] EN
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[54] CODAGE ET DECODAGE VIDEO SERVANT A FOURNIR UNE QUANTITE MINIMUM PREDETERMINEE D'INFORMATION DE MOUVEMENT A PARTIR D'UNITES DE PREDICTION SPACIALES ET TEMPORELLES
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[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[51] Int.Cl. A61B 17/072 (2006.01) A61B 17/068 (2006.01) A61B 17/115 (2006.01) A61B 17/32 (2006.01) H01H 9/20 (2006.01)
[25] EN
[54] ELECTRICAL SURGICAL INSTRUMENT
[54] INSTRUMENT CHIRURGICAL ELECTRIQUE
[72] SMITH, KEVIN, US
[72] BALES, THOMAS, US
[72] DEVILLE, DEREK, US
[72] RIVERA, CARLOS, US
[72] PALMER, MATTHEW, US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2007-05-31
[41] 2007-11-29
[62] 2,851,239
[30] US (60/801,989) 2006-05-19
[30] US (60/810,272) 2006-06-02
[30] US (60/858,112) 2006-11-09
[30] US (11/705,246) 2007-02-12
[30] US (11/705,334) 2007-02-12
[30] US (11/705,381) 2007-02-12
[30] US (60/902,534) 2007-02-21

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demandes mises à la disponibilité du public non disponibles auparavant**

[21] 2,975,801
[13] A1

[51] Int.Cl. A61K 31/6615 (2006.01) A61K 31/661 (2006.01) A61P 7/08 (2006.01)

[25] EN

[54] COMPOSITION THAT COMPRISES CRYSTALLISATION INHIBITORY SUBSTANCES

[54] COMPOSITION COMPRENANT DES SUBSTANCES INHIBITRICES DE LA CRISTALLISATION

[72] COSTA BAUZA, ANTONIA, ES

[72] GRASES FREIXEDAS, FELIX, ES

[72] PERELLO BESTARD, JOAN, ES

[72] TUR ESPINOSA, FERNANDO, ES

[72] PRIETO ALMIRALL, RAFAEL M., ES

[72] GOMILA MUNIZ, ISABEL, ES

[71] UNIVERSITAT DE LES ILLES BALEARS, ES

[22] 2009-05-14

[41] 2010-02-18

[62] 2,732,881

[30] ES (P200802363) 2008-08-06

[21] 2,975,840
[13] A1

[51] Int.Cl. F21V 21/34 (2006.01) F21S 8/02 (2006.01) F21V 21/04 (2006.01)

[25] EN

[54] RECESSED TRACK LIGHTING FIXTURE

[54] APPAREIL D'ECLAIRAGE ENFONCE SUR RAIL

[72] SILVER, REMY, CA

[72] STARK, PATRICK ALAN, CA

[71] BETA-CALCO INC., CA

[22] 2015-06-18

[41] 2016-09-13

[62] 2,894,842

[30] US (14/657484) 2015-03-13

[21] 2,975,841
[13] A1

[51] Int.Cl. A61K 51/08 (2006.01)

[25] EN

[54] NOVEL SUBSTRATE BASED PET IMAGING AGENTS

[54] NOUVEAUX AGENTS D'IMAGERIE TEP BASES SUR UN SUBSTRAT

[72] KOLB, HARTMUTH C., US

[72] WALSH, JOSEPH C., US

[72] CHEN, KAI, US

[72] GANGADHARMATHI, UMESHI B., US

[72] CHEN, GANG, US

[72] MOCHARLA, VANI P., US

[72] KASI, DHANALAKSHIMI, US

[72] SCOTT, PETER J. H., US

[72] LIANG, QIANWA, US

[71] SIEMENS MEDICAL SOLUTIONS USA, INC., US

[22] 2009-04-30

[41] 2009-11-05

[62] 2,722,858

[30] US (61/049392) 2009-04-30

[21] 2,975,908
[13] A1

[51] Int.Cl. E21B 7/08 (2006.01) E21B 17/04 (2006.01)

[25] EN

[54] DIRECTIONAL DRILLING SYSTEMS

[54] SYSTEMES DE FORAGE DIRECTIONNEL

[72] SMITH, RAYMOND C., CA

[72] KANJI, KARIM N., CA

[71] HALLIBURTON ENERGY SERVICES, INC., US

[22] 2012-02-17

[41] 2013-08-22

[62] 2,862,116

[21] 2,975,946
[13] A1

[51] Int.Cl. E21B 33/068 (2006.01) E21B 23/00 (2006.01)

[25] EN

[54] ATMOSPHERIC BALL INJECTING APPARATUS, SYSTEM AND METHOD FOR WELLBORE OPERATIONS

[54] APPAREIL D'INJECTION DE BALLES ATMOSPHERIQUES, SYSTEME ET PROCEDE POUR OPERATIONS DE FORAGE DE Puits

[72] CORBEIL, JASON, CA

[71] GE OIL & GAS CANADA INC., US

[22] 2013-06-07

[41] 2014-12-07

[62] 2,818,250

[21] 2,976,399
[13] A1

[51] Int.Cl. E21B 19/06 (2006.01)

[25] EN

[54] TUBULAR HANDLING DEVICE AND METHODS

[54] PROCEDES ET DISPOSITIF DE MANUTENTION D'ELEMENTS TUBULAIRES

[72] ELLIS, BRIAN, US

[72] YOUSEF, FAISAL J., US

[72] KUTTEL, BEAT, US

[72] WEEMS, CRAIG, US

[71] FIRST SUBSEA LIMITED, GB

[22] 2010-12-30

[41] 2012-07-05

[62] 2,822,962

[21] 2,977,066
[13] A1

[51] Int.Cl. H04W 80/02 (2009.01) H04W 28/02 (2009.01) H04J 11/00 (2006.01)

[25] EN

[54] TRANSMISSION OF SYSTEM INFORMATION ON A DOWNLINK SHARED CHANNEL

[54] TRANSMISSION D'INFORMATION SYSTEME SUR UN CANAL PARTAGE DESCENDANT

[72] DAHLMAN, ERIK, SE

[72] VUKAJLOVIC KENEHIAN, VERA, SE

[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE

[22] 2008-04-10

[41] 2008-12-24

[62] 2,692,032

[30] US (60/944628) 2007-06-18

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[21] 2,977,076
[13] A1

[51] Int.Cl. G10L 15/22 (2006.01) G06F 17/27 (2006.01)

[25] EN

[54] WORD-LEVEL CORRECTION OF SPEECH INPUT

[54] CORRECTION AU NIVEAU DES MOTS D'UNE ENTREE DE TEXTE PARLE

[72] LEBEAU, MICHAEL J., US

[72] BYRNE, WILLIAM J., US

[72] JITKOFF, JOHN NICHOLAS, US

[72] BALLINGER, BRANDON M., US

[72] KRISTJANSON, TRAUSTI., US

[71] GOOGLE INC., US

[22] 2011-01-05

[41] 2011-07-14

[62] 2,786,313

[30] US (61/292,440) 2010-01-05

[30] US (12/913,407) 2010-10-27

[21] 2,977,253
[13] A1

[51] Int.Cl. G01H 9/00 (2006.01) H04B 10/27 (2013.01) E21B 47/14 (2006.01) G01D 5/26 (2006.01) G01D 5/353 (2006.01) G01D 5/36 (2006.01) G01F 1/00 (2006.01) G01F 1/66 (2006.01) H04B 11/00 (2006.01) G01N 29/024 (2006.01)

[25] EN

[54] METHOD AND APPARATUS FOR OPTICAL SENSING

[54] PROCEDE ET APPAREIL DE DETECTION OPTIQUE

[72] FARHADIROUSHAN, MAHMOUD, GB

[72] PARKER, TOM RICHARD, GB

[72] SHATALIN, SERGEY, GB

[71] SILIXA LTD, GB

[22] 2010-05-27

[41] 2010-12-02

[62] 2,763,391

[30] GB (0908990.5) 2009-05-27

[30] GB (0912051.0) 2009-07-11

[21] 2,977,280
[13] A1

[51] Int.Cl. H04N 19/52 (2014.01) H04N 19/139 (2014.01) H04N 19/17 (2014.01) H04N 19/182 (2014.01)

[25] EN

[54] VIDEO PREDICTION ENCODING DEVICE, VIDEO PREDICTION ENCODING METHOD, VIDEO PREDICTION ENCODING PROGRAM, VIDEO PREDICTION DECODING DEVICE, VIDEO PREDICTION DECODING METHOD, AND VIDEO PREDICTION DECODING PROGRAM

[54] DISPOSITIF DE CODAGE VIDEO PAR PREDICTION, PROCEDE DE CODAGE VIDEO PAR PREDICTION, PROGRAMME DE CODAGE VIDEO PAR PREDICTION, DISPOSITIF DE DECODAGE VIDEO PAR PREDICTION, PROCEDE DE DECODAGE VIDEO PAR PREDICTION ET PROGRAMME DE DECODAGE VIDEO PAR PREDICTION

[72] SUZUKI, YOSHINORI, JP

[72] HOON, CHOONG SENG, JP

[71] NTT DOCOMO, INC., JP

[22] 2012-09-25

[41] 2013-05-16

[62] 2,895,631

[30] JP (2011-243490) 2011-11-07

[21] 2,977,474
[13] A1

[51] Int.Cl. B02C 13/28 (2006.01)

[25] EN

[54] ARC-SHAPED AND POLYGONAL CRUSHING TOOTH ARRANGEMENT IN ROTOR CRUSHERS AND ROLLER CRUSHERS

[54] SYSTEME A DENTS DE BROyage EN FORME D'ARC ET POLYGOALES DANS DES BROyeurs A ROTOR ET DES BROyeurs A ROULEAU

[72] SCHMIDT, MARKO, DE

[72] BAILEY, WARREN, DE

[71] TAKRAF GMBH, DE

[22] 2014-04-10

[41] 2014-10-10

[62] 2,848,983

[30] DE (10 2013 206 341.5) 2013-04-10

[21] 2,977,692
[13] A1

[51] Int.Cl. G06F 17/00 (2006.01) H04L 12/16 (2006.01)

[25] EN

[54] STORAGE CONSTRAINED SYNCHRONIZATION OF SHARED CONTENT ITEMS

[54] SYNCHRONISATION RESTREINTE DE STOCKAGE D'ELEMENTS DE CONTENU PARTAGE

[72] NEWHOUSE, BENJAMIN, US

[71] DROPBOX, INC., US

[22] 2015-10-03

[41] 2016-08-04

[62] 2,972,706

[30] US (14/611,115) 2015-01-30

[30] US (14/611,116) 2015-01-30

[30] US (14/611,117) 2015-01-30

[21] 2,977,696
[13] A1

[51] Int.Cl. G06F 17/00 (2006.01) H04L 12/16 (2006.01)

[25] EN

[54] STORAGE CONSTRAINED SYNCHRONIZATION OF SHARED CONTENT ITEMS

[54] SYNCHRONISATION RESTREINTE DE STOCKAGE D'ELEMENTS DE CONTENU PARTAGE

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[71] DROPBOX, INC., US

[22] 2015-10-03

[41] 2016-08-04

[62] 2,972,706

[30] US (14/611,115) 2015-01-30

[30] US (14/611,116) 2015-01-30

[30] US (14/611,117) 2015-01-30

**Demandes canadiennes apparentées par division et
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[21] 2,977,714
[13] A1

[51] Int.Cl. H04N 21/462 (2011.01) H04N 21/431 (2011.01) H04N 21/482 (2011.01)

[25] EN

[54] SYSTEMS AND METHODS FOR PROVIDING CHANNEL GROUPS IN AN INTERACTIVE MEDIA GUIDANCE APPLICATION

[54] SYSTEMES ET PROCEDES PERMETTANT D'OBTENIR DES GROUPES DE CHAINES DANS UNE APPLICATION DE GUIDAGE MULTIMEDIA INTERACTIVE

[72] ELLIS, MICHAEL D., US

[71] ROVI GUIDES, INC., US

[22] 2006-12-08

[41] 2007-07-12

[62] 2,631,957

[30] US (11/324,192) 2005-12-29

[21] 2,977,942
[13] A1

[51] Int.Cl. H04H 60/29 (2009.01) G06Q 30/02 (2012.01)

[25] EN

[54] METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION

[54] PROCEDES ET APPAREIL DE DETERMINATION D'IMPRESSIONS DE SUPPORTS A L'AIDE D'INFORMATIONS DEMOGRAPHIQUES DISTRIBUEES

[72] KALUS, MARK, US

[72] PAPARO, ARI, US

[72] GERAGHTY, KEVIN, US

[71] THE NIELSEN COMPANY (US), LLC, US

[22] 2011-12-19

[41] 2012-06-28

[62] 2,819,268

[30] US (61/424,952) 2010-12-20

[21] 2,977,957
[13] A1

[51] Int.Cl. H04L 9/00 (2006.01) H04L 9/14 (2006.01) H04L 9/32 (2006.01)

[25] EN

[54] PC SECURE VIDEO PATH

[54] CHEMIN VIDEO SECURISE POUR ORDINATEUR PERSONNEL

[72] FAHRNY, JAMES WILLIAM, US

[71] COMCAST CABLE COMMUNICATIONS, LLC, US

[22] 2011-02-28

[41] 2011-09-04

[62] 2,732,709

[30] US (12/717,234) 2010-03-04

[21] 2,977,967
[13] A1

[51] Int.Cl. H04N 21/6334 (2011.01) H04N 21/2347 (2011.01) H04L 9/14 (2006.01)

[25] EN

[54] PC SECURE VIDEO PATH

[54] CHEMIN VIDEO SECURISE POUR ORDINATEUR PERSONNEL

[72] FAHRNY, JAMES WILLIAM, US

[71] COMCAST CABLE COMMUNICATIONS, LLC, US

[22] 2011-02-28

[41] 2011-09-04

[62] 2,732,709

[30] US (12/717,234) 2010-03-04

[21] 2,977,970
[13] A1

[51] Int.Cl. H04L 9/00 (2006.01) H04L 9/14 (2006.01)

[25] EN

[54] PC SECURE VIDEO PATH

[54] CHEMIN VIDEO SECURISE POUR ORDINATEUR PERSONNEL

[72] FAHRNY, JAMES WILLIAM, US

[71] COMCAST CABLE COMMUNICATIONS, LLC, US

[22] 2011-02-28

[41] 2011-09-04

[62] 2,732,709

[30] US (12/717,234) 2010-03-04

[21] 2,978,020
[13] A1

[51] Int.Cl. A61B 5/024 (2006.01) A61B 5/02 (2006.01) A61B 5/0452 (2006.01)

[25] EN

[54] DETECTION OF PARAMETERS IN CARDIAC OUTPUT RELATED WAVEFORMS

[54] DETECTION DE PARAMETRES DANS DES FORMES D'ONDES LIEES AU DEBIT CARDIAQUE

[72] HATIB, FERAS, US

[72] ROTELIUK, LUCHY D., US

[71] EDWARDS LIFESCIENCES CORPORATION, US

[22] 2010-02-11

[41] 2010-08-19

[62] 2,752,130

[30] US (61/151,670) 2009-02-11

[30] US (12/699,540) 2010-02-03

[21] 2,978,025
[13] A1

[51] Int.Cl. A61M 1/12 (2006.01)

[25] EN

[54] INTRA-AORTIC BALLOON PUMP AND DRIVER

[54] POMPE DE BALLON DE CONTRE-PULSION INTRA-AORTIQUE ET DISPOSITIF DE COMMA DE

[72] JEEVANANDAM, VALLUVAN, US

[72] SNYDER, ROGER WILLIAM, US

[72] SMITH, ROBERT, US

[72] DEDECKER, PAUL, US

[71] NUPULSE, INC., US

[22] 2010-10-22

[41] 2011-04-28

[62] 2,778,450

[30] US (12/604,228) 2009-10-22

[21] 2,978,130
[13] A1

[51] Int.Cl. A61B 18/18 (2006.01) H01Q 13/10 (2006.01) H01Q 13/22 (2006.01)

[25] EN

[54] LEAKY-WAVE ANTENNAS FOR MEDICAL APPLICATIONS

[54] ANTENNES A ONDES DE FUITE POUR APPLICATIONS MEDICALES

[72] ROSSETTO, FRANCESCA, US

[72] BRANNAN, JOSEPH D., US

[72] PAULUS, JOSEPH A., US

[72] DEBORSKI, CHRISTOPHER A., US

[71] COVIDIEN LP, US

[22] 2010-02-19

[41] 2010-08-20

[62] 2,693,744

[30] US (12/389,906) 2009-02-20

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[21] 2,978,151
[13] A1
[51] Int.Cl. H04N 19/86 (2014.01) H04N 19/117 (2014.01) H04N 19/124 (2014.01) H04N 19/176 (2014.01)
[25] EN
[54] METHOD OF REMOVING DEBLOCKING ARTIFACTS
[54] PROCEDE D'ELIMINATION D'ARTEFACTS DE DEBLOCAGE
[72] JANG, MIN, KR
[71] INFOBRIDGE PTE. LTD., SG
[22] 2013-01-08
[41] 2013-07-18
[62] 2,849,417
[30] KR (10-2012-0002597) 2012-01-09

[21] 2,978,284
[13] A1
[51] Int.Cl. G06F 9/06 (2006.01) G06F 9/44 (2006.01)
[25] EN
[54] STATE SEPARATION FOR APPLICATION CHANGES
[54] SEPARATION D'ETAT POUR CHANGEMENTS D'APPLICATION
[72] SHEEHAN, JOHN M., US
[72] REIERSON, KRISTOFER H., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[22] 2009-07-16
[41] 2010-02-04
[62] 2,728,817
[30] US (12/181,315) 2008-07-28

[21] 2,978,303
[13] A1
[51] Int.Cl. E03C 1/044 (2006.01) E03C 1/04 (2006.01) F16K 11/00 (2006.01) F16K 31/02 (2006.01) F16K 31/66 (2006.01)
[25] EN
[54] ELECTRONIC FAUCET
[54] ROBINET ELECTRONIQUE
[72] VEROS, MICHAEL J., US
[72] THOMAS, KURT JUDSON, US
[72] GALAMBUS, MARK, US
[72] DEVRIES, ADAM M., US
[72] TYNER, TONY, US
[72] SAWASKI, JOEL D., US
[72] DAVIDSON, KYLE ROBERT, US
[71] DELTA FAUCET COMPANY, US
[22] 2012-12-06
[41] 2013-06-13
[62] 2,856,194
[30] US (61/567,510) 2011-12-06

[21] 2,978,333
[13] A1
[51] Int.Cl. H04L 12/40 (2006.01) H04B 3/54 (2006.01) H04B 3/58 (2006.01)
[25] EN
[54] DIGITAL INTERCOM NETWORK OVER DC-POWERED MICROPHONE CABLE
[54] RESEAU D'INTERCOMMUNICATION NUMERIQUE SUR UN CABLE D'UN MICROPHONE ALIMENTE EN COURANT CONTINU
[72] ALBISTON, DAVID, GB
[72] GORDON, NIGEL, GB
[72] PRIME, DAVID, GB
[71] CLEAR-COM LLC, US
[22] 2010-04-14
[41] 2010-10-21
[62] 2,758,940
[30] US (12/423,200) 2009-04-14

[21] 2,978,416
[13] A1
[51] Int.Cl. G10L 19/005 (2013.01) G10L 19/02 (2013.01)
[25] EN
[54] METHOD AND APPARATUS FOR CONTROLLING AUDIO FRAME LOSS CONCEALMENT
[54] PROCEDE ET APPAREIL DE GESTION DE LA DISSIMULATION DE PERTE DE TRAME AUDIO
[72] BRUHN, STEFAN, SE
[72] SVEDBERG, JONAS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[22] 2014-01-22
[41] 2014-08-14
[62] 2,900,354
[30] US (61/760814) 2013-02-05
[30] US (61/760822) 2013-02-05
[30] US (61/761051) 2013-02-05

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TAIKI CORP., LTD.	2,887,432	YORK	2,784,754	UN, EDWARD	2,800,925
TAKAHASHI, SHINYA	2,806,283	THE UNITED STATES OF		UNDHEIM, EIVEN	2,888,973
TAKAISHI, KAZUYUKI	2,796,844	AMERICA, AS		UNILEVER PLC	2,801,143
TAKASHITA, RYUTA	2,871,464	REPRESENTED BY THE		UNIVERSITAT DE LES ILLES	
TAKKELLAPATI, SUDHAKAR		SECRETARY OF		BALPARS	2,732,881
RAO	2,753,975	AGRICULTURE	2,685,158	UNIVERSITAT POLITECNICA	
TAMAKI, HIROAKI	2,831,487	THE UNIVERSITY OF AKRON	2,948,154	DE CATALUNYA	2,762,780
TAMULONIS, JOHN	2,653,248	THEODOROU, MICHAEL	2,754,771	UNIVERSITEIT GENT	2,715,676
TAN, THIOU KENG	2,852,888	THEOLIS, RICHARD	2,671,457	UNIWERSYTET MARII CURIE-	
TANABE, ITSUYA	2,871,464	THERMO SCIENTIFIC		SKLODOWSKIEJ	2,781,555
TANAKA, PAUL L.	2,857,393	PORTABLE ANALYTICAL		URBAN, JAMES	2,829,599
TANAKA, YUICHI	2,806,283	INSTRUMENTS INC.	2,902,829	URBANCZYK, WACLAW	2,781,555
TANAMACHI, DAWN M.	2,671,457	THIENPONT, HUGO	2,781,555	V & M FRANCE	2,800,976

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VALLOUREC OIL AND GAS FRANCE	2,922,387	WEIDHAAS, JOANNE B.	2,688,225	XU, JIA	2,485,099
VAN DAM, WIM	2,746,940	WEINBERGER, KARL	2,750,008	XU, JUNQUAN	2,485,099
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VARMA, ANURAG PETER	2,824,366	WHITNEY, SCOTT M.	2,857,393	YANG, MENG	2,913,567
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VOGEL, MATT	2,789,210	WINGARDI, PETER	2,764,964	YE, XUDONG	2,871,464
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W. L. GORE & ASSOCIATES, INC.	2,753,459	WITTLIN, SERGIO	2,702,256	YU, YI	2,843,408
WAAS, SHIRAN	2,892,971	WM. T. BURNETT OPERATING LLP	2,524,313	YUE, GUOJUN	2,840,507
WAHRMUND, LESLIE A.	2,733,989	WOBBEN PROPERTIES GMBH	2,888,516	YUEH, JEDIDIAH	2,804,372
WALBROEL, STEFAN	2,764,888	WOCKHARDT LIMITED	2,889,793	ZAIKEN, ELIOT	2,719,654
WALDMAN, MARK	2,782,762	WOJCIK, JAN JOZEF (DECEASED)	2,781,555	ZAJAC, MACIEJ	2,908,543
WALKER, WILMER DAVID, JR.	2,925,154	WOLAK, PAUL Z.	2,727,938	ZANOTTI-GEROSA, ANTONIO	2,616,984
WALLACE, JOHN DAVID	2,928,399	WOLF, DAVID	2,885,224	ZARIBATANY, DAVID	2,813,730
WALLEN, ADAM	2,767,714	WOLF, MARTIN	2,703,502	ZAROM, RONY	2,857,559
WALSII, RYAN	2,952,582	WOLFORD, BERNIE, JR.	2,753,411	ZAWIERUCHA, JOSEPH	2,770,879
WALSII, TIMOTHY RUTLAND	2,764,195	WOLFORD, JIMMY	2,753,411	ZAYNULIN, DMITRIY I.	2,728,280
WALTON, JOSEPH	2,885,224	WON, JIN HEE	2,888,629	ZENS, KYRA D.	2,671,457
WALTON, JOSEPH	2,903,561	WON, YONG KWON	2,892,215	ZHANG, JIAWEI	2,872,353
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WANG, CHANQIONG	2,880,635	WOOLLUMS, DAVID E.	2,917,479	ZHANG, SUI-PO	2,759,621
WANG, CHUNSHENG	2,840,507	WORKS, ANTWAN JOCOQUES	2,760,818	ZHANG, YUE-MEI	2,759,621
WANG, JUN	2,926,966	WORMALD, PETER JOHN	2,709,546	ZHANG, ZHILIN	2,903,850
WANG, XIANGFENG	2,872,353	WRIGHT, AARON C.	2,700,700	ZHAO, JUN	2,800,925
WANG, XIAOBO	2,485,099	WRIGHT, DANNY R.	2,812,193	ZHIEJIANG TIANZHEN BAMBOO & WOOD DEVELOPMENT CO. LTD.	2,910,369
WANG, XIAOFANG	2,702,256	WRIGHT, DAVID DAKIN	2,780,699	ZHENG, LIGANG	2,885,583
WANG, XUXIN	2,881,513	IORWERTH	2,700,700	ZHOU, HUAN	2,858,254
WANG, YULIN	2,847,991	WRIGHT, JIMMY L.	2,670,650	ZHOU, KE	2,847,991
WANG, ZHIFENG	2,800,925	WU, ARTHUR Y.	2,707,300	ZHOU, LIN	2,702,256
WANGEMANN, MATTHIAS	2,886,065	WU, HUAN-PING	2,485,099	ZHU, BIN	2,759,621
WATTS, JAMES SIDNEY	2,869,258	WU, LEI	2,885,583	ZHU, JOURNEY LU	2,821,015
WCIORKA, MAJA	2,893,608	WU, LIJUN	2,761,034	ZICK, JONATHAN A.	2,720,339
WCIORKA, MAJA	2,894,250	WU, WINSTON	2,781,445	ZIMMERMANN, CHRISTOPHER	2,742,258
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		XEROX CORPORATION	2,847,991	ZODIAC AEROTECHNICS	2,816,006
		XEROX CORPORATION	2,926,966	ZOU, MEIHUA	2,926,966
		XIAO, JIANBAI		ZUCKSCHWERTD, JOHANNES	2,847,923

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AGARWAL, PUNEET	2,960,505	CALCUTT, MICHAEL E.	2,959,925	FRISCH, MARK JOSEPH	2,959,676
AIRILY INC.	2,924,663	CAMPBELL, COLE BENJAMIN	2,960,496	GADEN, CEDRIC	2,960,591
AIRBUS DS GMBH	2,958,661	CANADIAN ENERGY		GAGNO, BLU A.	2,923,552
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ARMY, DONALD E.	2,961,121	COMMUNICATIONS, LLC	2,960,652	GENERAL ELECTRIC	
ARMY, DONALD E.	2,961,318	COMCAST CABLE		COMPANY	2,958,817
ARMY, DONALD E.	2,961,321	COMMUNICATIONS, LLC	2,960,684	GENERAL ELECTRIC	
ARTA PLAST AB	2,960,260	COOMARASINGHAM,		COMPANY	2,959,659
ASHWORTH BROS., INC.	2,959,904	MOHANRAJ	2,923,682	GENERAL ELECTRIC	
ASHWORTH BROS., INC.	2,960,063	COOPER, MATT	2,960,682	COMPANY	2,959,662
AUDIT, GUILLAUME	2,961,044	CORMIER, DANIEL G.	2,924,865	GENERAL ELECTRIC	
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MAHADEVAN		COUTURE, DAVID G.	2,961,016	COMPANY	2,959,708
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BECKER, KENT	2,948,710	D'AGOSTINO, DINO	2,960,531	COMPANY	2,960,357
BELANGER, MARC ANDRE	2,923,680	D'AGOSTINO, DINO	2,960,535	GENERAL ELECTRIC	
BESHAI, MAGIED E.	2,923,750	DASSAULT AVIATION	2,960,522	COMPANY	2,960,850
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HAMILTON SUNDSTRAND CORPORATION	2,961,321	KOIDE, YUKIKAZU	2,960,256	NALUKURTHY, RAJESHBABU	2,958,484
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HONEYWELL INTERNATIONAL INC.	2,958,484	LEE, YIU LEUNG	2,960,684	OUFATTOLE, MOHAMMED	2,960,502
HONEYWELL INTERNATIONAL INC.	2,958,485	LEVINE, ALEXANDRA MICHELE	2,932,338	OYARZUN, RAUL	2,960,471
HORTON, DAVID	2,946,637	LEVINE, ANDREW SETH	2,932,338	ALEJANDRO	2,959,930
HOSE, MARK	2,960,351	LIN, WENDY WENLING	2,960,850	PADMA, VINAY	2,959,210
HOSEY, MARK ALEXANDER	2,958,485	LOOMIS, ROBERT	2,960,623	PALMER, JOSEPH	2,960,505
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HUNG GUANG BIOTECH CO., LTD.	2,955,149	LOPES, DAVID R.	2,956,202	PANERI, KAUSHAL	2,960,505
INHA, TEEMU	2,960,827	LOPEZ, IVAN D.	2,960,635	ASHOKBHAI	2,961,070
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JACH, MICHAEL	2,961,134	LUSSIER, GUYLAINE	2,923,280	PAUTIS, OLIVIER	2,961,083
JADS INTERNATIONAL LLC	2,932,338	MAAMARY, EMILE	2,961,070	PEACOS, FREDERICK, III	2,961,121
JAMAN, MANI	2,960,214	MACINNIS, MITCHELL	2,923,607	PEACOS, FREDERICK, III	2,961,318
JANSSEN PHARMACEUTICA NV	2,960,253	MADGE, JASON J.	2,958,519	PEACOS, FREDERICK, III	2,973,236
JENKINS, J. LUKE	2,961,092	MAGHSOODI, BEJAN	2,956,202	PENNER, TIM	2,959,877
JONES, ANDREW	2,923,827	MAGHSOODI, BEJAN	2,956,203	PESSINA, DAVIDE	2,959,878
JONES, ANDREW	2,923,831	MAHINKEN, STEVEN D.	2,952,252	PETERSSEN, MICHAEL W.	2,960,502
JONES, MATTHEW ALLEN	2,960,235	MALIK, TARUN	2,958,817	PING, LI SHENG	2,961,092
JONES, NICHOLAUS ADAM	2,960,235	MALTA, LUCAS R.	2,957,052	PIRES, JUAN CRUZ	2,960,471
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KAO, JUI-CHIEN	2,923,821	MANSIERY, JEFFREY	2,960,652	PRESS, JASON	2,960,848
KARASCH, JAMES M.	2,960,848	MAO, WEIDONG	2,959,904	PULLIAM ENTERPRISES, INC.	2,960,848
KATO, NORIHIKO	2,960,256	MARSHALL, ARTHUR J.	2,954,827	PULLIAM, RANDALL A.	2,961,099
KENT, JUSTINE M.	2,960,253	MARTINDALE, IAN CAREY	2,972,991	QUANEX HOMESHIELD, LLC	2,959,930
KERN, MICHAEL J.	2,959,925	MCCONAGHY, DYLAN DM	2,923,264	RAJAN, DEEPU	2,972,697
KERN, PETER	2,958,661	MECCA, FLORENT	2,960,591	RAPPL, JOHANN	2,958,484
KERNER, JONATHAN HARRY	2,957,457	MEMARK TECHNOLOGIES, INC.	2,960,351	RAVI, MONICA	2,959,763
KEYBLOK INC.	2,973,604	MICROTEC S.R.L.	2,960,341	RAWSON, LLOYD ERIC	2,960,500
KING, DANIEL ELMER	2,957,457	MIELKE, MARK JOSEPH	2,959,676	REHRIG PACIFIC COMPANY	2,960,476
KIRK, JOHN BRYANT	2,960,804	MIHAN, KOKO	2,960,531	RENNIE, WILLIAM	2,960,853
KLIMCZUK, PIOTR ARTUR	2,960,357	MIHAN, KOKO	2,960,535	REYES-AGUILERA, VICENTE	2,958,519
KLUGE, THOMAS	2,959,883	MILKMAN, PAUL	2,960,531	ROLLS-ROYCE PLC	2,955,097
		MILKMAN, PAUL	2,960,535	ROSEMOUNT AEROSPACE INC.	2,955,821
		MOECKEL, CURTIS	2,959,676	ROSEMOUNT AEROSPACE INC.	2,923,670
		MOECKEL, CURTIS WILLIAM	2,959,659	ROUTIER, LAURENCE G.	2,923,670
		MONDAL, BHASKAR NANDA	2,959,708	RUSSO, MARTIN SEBASTIAN	2,960,471
		MONIZ, THOMAS ORY	2,959,708	SAHA, ATANU	2,959,708
		MONSANTO TECHNOLOGY LLC	2,960,502	SAMBIHY, VARUN	2,958,954
		MORIN, SEBASTIEN	2,927,298		
		MOZUMDAR, JOHURUL AMIN	2,924,609		

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SAUNDERS, WILLIAM J.	2,961,092	TANABE, SHOTA	2,960,673	WHIMS, LAWRENCE JAMES	2,960,357
SCHASER, MATTHEW	2,927,628	TATA CONSULTANCY SERVICES LIMITED	2,960,505	WILLAMETTE VALLEY COMPANY	2,960,623
SCHRAM, KENNETH J.	2,955,097	TAYLOR, ROBERT JAMES	2,960,235	WILLEY, BRENT M.	2,961,092
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SCHWARZ, FREDERICK M.	2,961,056	THALER, JOHANN	2,960,341	WOOD, PETER JOHN	2,959,676
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SEHGAL, GUNJAN	2,960,505	THE BOEING COMPANY	2,955,318	WRIGHT, ROBERT S.	2,955,318
SEITZER, KENNETH EDWARD	2,959,708	THE BURT'S BEES PRODUCTS COMPANY	2,960,682	WU, XIN ALEX	2,924,307
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SHUBERT, GARY CHARLES	2,960,357	TREMBLAY, CHRISTIAN	2,923,693		
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SHUMKA, THOMAS	2,973,291	TRUDEAU, PIERRE	2,923,280		
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COMPANY	2,975,501	AL-OMARI, ALI	2,973,790	ARENS, CHRISTIAN	2,975,657
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COMPANY	2,975,688	ALACOQUE, DAVID	2,977,323	ARENT, LEE MATTHEW	2,968,891
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ABU-AHEB, HISHAM	2,978,488	ALLERGAN, INC.	2,955,492	ATRICATH S.P.A.	2,976,749
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ADA FOUNDATION	2,978,323	ALSTER, YAIR	2,964,685	TECHNOLOGIES LIMITED	2,978,170
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ADAMSKY, KONSTANTIN	2,978,529	INC.	2,968,864	AVANTAMA AG	2,974,044
ADDINGTON, JASON	2,978,443	AMAZON TECHNOLOGIES,		AVANTUM KNOWLEDGE	
ADEKA CORPORATION	2,978,401	INC.	2,976,777	CENTRE B.V.	2,976,084
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ADRIANSENS, ERIC	2,973,300	AMIT, RON	2,978,562	AVINTIV SPECIALTY	
ADURO BIOTECH HOLDINGS,		AMSELM, SIMON	2,964,685	MATERIALS INC.	2,957,292
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C&J ENERGY SERVICES, INC.	2,978,553	CENTRE NATIONAL DE LA		CHIAK, PAUL	2,977,491
CACABELOS, KAHILIL H.	2,976,630	RECHERCHE		CIMATTI, CARLO ALBERTO	2,975,966
CACHO RIVERO, JESUS		SCIENTIFIQUE	2,969,501	CLARE, BENJAMIN JACOB	2,968,690
ANDRES	2,970,113	CENTRE NATIONAL DE LA		CLARE, BENJAMIN JACOB	2,968,891
CAGGIONI, MARCO	2,966,914	RECHERCHE		CLAREMON, DAVID A.	2,956,360
CAIAZZA, NICKY C.	2,978,770	SCIENTIFIQUE	2,973,300	CLARENCE-SMITT,	
CAILLOUETTE, LYLE	2,976,340	CERBONESCHI, THEODORE	2,978,576	KATHLEEN E.	2,978,201
CALABRO, DAVID CHARLES	2,970,319	CERES INTELLECTUAL		CLARENCE-SMITT,	
CALDWELL, NATHAN	2,972,432	PROPERTY COMPANY	2,976,156	KATHLEEN E.	2,978,214
CALGARY SCIENTIFIC INC.	2,978,231	CERNY, MATTHEW A.	2,956,118	CLARENCE-SMITT,	
CALLAHAN, JOSEPH P.	2,978,734	CESSNA, DAVID	2,978,252	KATHLEEN E.	2,978,244
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EMMANUEL	2,974,156	CHAN, YUEN YEE	2,975,845	LIANRAHAN	2,956,571
CALMEL, PIERRE-		CHANG, FU KUO	2,975,874	CLAUSEN, DANE	2,978,698
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CAL VERT, GRAHAM PETER	2,975,504	CHARYCH, DEBORAH H.	2,978,330	CLEAR, SHARAYLA ANN	2,970,073
CAM, YVAN	2,969,379	CHASE PHARMACEUTICALS		CLEEMANN, FELIX	2,955,569
CAMPBELL, PAUL	2,973,726	CORPORATION	2,978,201	CLOETER, MICHAEL D.	2,956,548
CAMSO INC.	2,978,482	CHASE PHARMACEUTICALS		CLYNNE, THOMAS	2,978,469
CANON KABUSHIKI KAISHA	2,976,201	CORPORATION	2,978,214	COATEX	2,975,948
CAO, DIANHUA	2,978,500	CHASE PHARMACEUTICALS		CODY, MICHAEL	2,976,330
CAO, HENGCHU	2,977,393	CORPORATION	2,978,244	COGAN, DEREK	2,956,118
CAO, YIWEN	2,978,643	CHASE, THOMAS N.	2,978,201	COHEN, AVI	2,978,175
CAO, YIWEN	2,978,644	CHASE, THOMAS N.	2,978,214	COHEN, ERIC	2,977,121
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CAPELO MARTINEZ, JOSE		CHATARD, CELINE	2,973,777	COJOCARU, CRINA MARIA	2,975,960
LUIS	2,978,169	CHAUDHARI, UMESH	2,955,294	COLLE, AUDREY	2,968,379
CAPTANI, STEFANO	2,972,563	CHAUDHARI, UMESH	2,955,304	COLLETTE, FLORAINE	2,975,564
CAPO, LINNETTE	2,978,631	CHIEFYAM, VENKATA		COLLINS, PETER	2,974,359
CARGILL, INCORPORATED	2,978,470	SUBRAHIMANYAM		COLLINS, SUNNIVA R.	2,978,445
CARLINO, RAFFAELE	2,976,862	CHIANDRA SEKHAR	2,971,600	COLONARYCONCEPTS LLC	2,978,305
CARLISLE FLUID		CHEMETALL GMBH	2,976,008	COLORADO STATE	
TECHNOLOGIES INC.	2,977,014	CHEN, CHENG	2,977,137	UNIVERSITY RESEARCH	
CARLISLE FLUID		CHEN, JINYU	2,978,552	FOUNDATION	2,978,698
TECHNOLOGIES, INC.	2,968,936	CHEN, LIANZHOU	2,978,004	COLORADO STATE	
CARREJO, NICHOLAS	2,976,660	CHEN, SHUEN EI	2,973,431	UNIVERSITY RESEARCH	
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CASSONI, ROBERT PAUL	2,964,484	CHEN, WU	2,956,548	COMBEROUSSE, MATTHIEU	2,974,275
CASSONI, ROBERT PAUL	2,964,486	CHEN, XIAOCHENG	2,957,148	CONCAVE GLOBAL PTY LTD	2,978,008
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COX AUTOMOTIVE, INC.	2,970,164	DENG, CHAOYI	2,971,139	DOWD, KIERON	2,978,637
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DAMIANO, PATRICE	2,975,642	DEXCOM, INC.	2,977,121	DURAMAD, OMAR	2,978,324
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INSTITUTE, INC.	2,978,730	DI MODUGNO, ROCCO	2,975,799	E. I. DU PONT DE NEMOURS	
DANIEL, MARC	2,975,657	DIAZ TOLEDO FILHO,		AND COMPANY	2,956,154
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DAS, GITASREE	2,978,488	DINTER, MELANIE	2,975,648	UNIVERSITY	2,977,137
DAS, SHANKHADEEP	2,956,548	DISNEY, MATTHEW D.	2,955,428	EASTGATE	
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GEORGIA-PACIFIC CONTAINERBOARD LLC	2,960,310	GRANDI, GUIDO	2,957,118	HANMI PHARM. CO., LTD.	2,972,001
GEORGIA-PACIFIC NONWOVENS LLC	2,973,411	GRANIZO, LUZ	2,976,078	HANMI PHARM. CO., LTD.	2,972,748
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GILEAD SCIENCES, INC.	2,956,571	GRAY, TIMOTHY GARRETT	2,978,445	HANSON, IAN B.	2,978,761
GILL, SAAR	2,955,465	GRAZIANI, ANDREW	2,978,070	HAO, XUEWEN	2,978,647
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LAURENT, SOPHIE	2,970,640	LI, PENG	2,978,668	LUCHINGER, NORMAN	
LAURENT, SOPHIE	2,970,707	LI, QINGHONG	2,971,993	ALBERT	2,974,044
LAURENT, SOPHIE	2,970,718	LI, QUANCHANG	2,970,319	LUMOS PHARMA, INC.	2,978,322
LAURENT, SOPHIE	2,970,720	LI, SHIGUANG	2,964,096	LUNDBERG, DIANNA	2,956,469
LAURENT, SOPHIE	2,970,724	LIANG, BO	2,974,359	LUNDGREN, THOMAS	2,955,348
LAVAUUR, JEREMIE	2,954,967	LIANG, QIN	2,978,633	LUTJE HULSIK, DAVID	2,973,286
LAVIGNE, NICHOLAS JAMES	2,978,197	LIAO, GANG	2,978,488	LUZZIO, MICHAEL JOSEPH	2,956,996
LAWTHER, MARK	2,975,537	LIAO, JUN	2,956,596	M & Q IP LEASING, LLC	2,977,988
LAYNE, JAMES L.	2,976,371	LIAO, QINGXIN	2,978,643	M. G. THERAPEUTICS LTD.	2,964,685
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LE ROUX, KARINE	2,970,707	LIDHOLM, JONAS	2,955,348	ELAINE	2,978,180
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LE, DUNG VAN	2,975,844	BRAIN DEVELOPMENT	2,975,401	ELAINE	2,978,204
LE, JIMMY M.	2,966,012	LIFECELL CORPORATION	2,976,916	MACFARLANE, K. ANGELA	2,964,685
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PAUL	2,978,304	LIM, CHANG KI	2,972,001	MACKLIN, NADINE	2,976,660
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LEBOEUF, STEPHANE	2,963,856	COMPANY "SIEMENS"	2,973,463	MACKOW, NATALIE	2,974,359
LECLERCQ, BERENICE	2,973,300	LIN, HAOMIN	2,978,706	MACNEISH, WILLIAM III	2,974,832
LEDERMAN, ILYA	2,978,194	LIN, RONGBIN LANNY	2,970,524	MADIGAN, STEPHEN	2,977,121
LEDWIDGE, EADAONIN	2,973,742	LIN, RUBIN	2,978,363	MAGALHAES, JEAN-LUC	2,975,845
LEE, DER-YANG	2,956,947	LINDBLUM, ANDERS	2,976,598	MAGNY, BENOIT	2,975,948
LEE, DON HAENG	2,972,622	LINDNER, TORSTEN	2,978,552	MAHASUVERACHAI, SAK	2,976,521
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LEE, PATRICK CHANG DONG	2,971,177	LISZKAI, TAMAS	2,975,543	HASSANEIN	2,976,919
LEE, PEI LING	2,978,404	LITTLE, VIRGIL T.	2,978,434	MAIA DA SILVA, FRANCISCO	
LEE, PEI LING	2,978,407	LITTLE, VIRGIL T.	2,978,437	JOSE	2,975,960
LEE, SUZANNE	2,978,672	LITVINETS, FEDOR		MAILLET, EMELINE	2,978,537
LEFAVOUR, JOHN	2,978,639	NIKOLAEVICH	2,978,402	MAIN, JONATHAN J.	2,978,461
LEFEVRE, OLIVIER	2,973,054	LIU, BING	2,956,833	MAIONE, DOMENICO	2,957,118
LEFTHIERIS, KATERINA	2,956,360	LIU, GAO	2,978,631	MAKARYCHEV-MIKHAILOV,	
LEIBACHER, IVO	2,976,402	LIU, PUCHUN	2,956,596	SERGEY MIKHAILOVICH	2,978,402
LEIDEN UNIVERSITY		LIU, SHIWEI	2,970,524	MAKELA, PASI	2,975,961
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LEMAIRE, JULIEN	2,963,611	LIU, ZHENGHIE	2,976,767	MALDONADO PARDO,	
LEMAIRE, MARC	2,954,967	LIU, ZHI-REN	2,978,597	ANTONIO JAVIER	2,978,509
LEMAIRE, MARC	2,969,501	LIVI, GIACOMO	2,975,964	MALEK, THOMAS	2,957,273
LEONIL, JOELLE	2,972,751	LIVI, GIAMPIERO	2,975,964	MALIK, FAISAL HAYAT	2,978,631
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MARSHALL, JOSHUA ALEXANDER	2,978,197	MCGUIRE, KENNETH STEPHEN	2,968,891	MINN-DAX FARMERS COOPERATIVE	2,978,607
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MARTONIK, BRIAN C.	2,969,932	MEDOFF, MARSHALL	2,978,343	MODERN MEADOW, INC.	2,978,672
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MATHREAD INCORPORATED	2,975,626	MENDES, EDUARDO	2,974,156	MOORE, GREGORY	2,956,178
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		MEYER, SCOTT	2,978,321	MOSKAL, WILLIAM	2,972,589
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		MICHELIS, PATRIC	2,975,667	MOULIN, VINCENT	2,973,557
		MICROSTEAM, INC.	2,976,306	MOUSAVI, REZA	2,973,104
		MIESSMER, STEFAN	2,976,841	MOYSON, BART	2,975,537
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MUTHURAJ, RAJENDRAN	2,978,629	INC.	2,978,405	MANUEL	2,975,960
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INTERNATIONAL, INC.	2,971,462	PUSKAR, MICHAEL P.	2,973,821	INSTITUTE	2,964,373
PIONEER PET PRODUCTS,		PY, ALAIN	2,970,100	REZAI, EBRAHIM	2,978,552
LLC	2,968,696	PYKE, SANDY WAYNE	2,978,197	REZNIK, DANIEL	2,975,774
PISAK, MEHMET NEVZAT	2,956,037	QASIMI, JAVVAD	2,973,821	RICCABONI, MAURO	2,975,798
PISLA, SAULI	2,975,961	QIANG, LIANGLIANG	2,956,794	RICHARDSON, CELESTE	2,955,465
PLANMICA OY	2,978,378	QU, BAOXI	2,978,409	RIDGWAY, DOUGLAS	2,978,192
PLASTIPACK DEFENCE APS	2,978,257	QU, JINPING	2,978,478	RIFAIE, MOHAMMAD	2,978,488
PLATEL, DAVID	2,975,948	QUALCOMM INCORPORATED	2,971,600	RIGAUD, MARTIN	2,977,207
PLYVAPLAST S.A. R.L.	2,975,667	QUALCOMM INCORPORATED	2,974,014	RIGEL PHARMACEUTICALS,	
PODDUTOORI, RAMULU	2,978,170	QUALCOMM INCORPORATED	2,978,200	INC.	2,956,788
PODSIADLO, PAUL	2,970,319	QUAST, FABIAN	2,975,937	RIGO, FRANK	2,978,103
POET RESEARCH, INC.	2,972,415	QUESADA, EMMANUEL	2,975,344	RIIHINEN, KALLE	2,971,018
POET RESEARCH, INC.	2,972,464	RABOW, ALFRED ARTIUR	2,956,421	RINAUDO, CIRA DANIELA	2,957,118
POGATSCHEG, REINHOLD	2,976,527	RACHIELE, LYDIA	2,975,370	RIO BOXX HOLDING B.V.	2,976,424
POHLMAN, MATTHIAS	2,970,103	RACHIELE, LYDIA	2,975,375	RIVADA RESEARCH, LLC	2,976,775
POINDEXTER, MICHAEL K.	2,956,548	RADAKOVITS, RANDOR R.	2,978,770	RIVOPHARM SA	2,975,930
POIRIER, ROBERT	2,978,639	RADOSTA, JOSEPH A.	2,977,988	RIZZL, JVANOHE	2,972,563
POLL, PIRO	2,975,930	RAFAELI, OMER	2,964,685	ROBERSON, MARK W.	2,976,343
POLICELLI, LAUREN	2,978,582	RAGAGNIN, GIANNA	2,971,302	ROBERTS, TANESHA	2,978,269
POLONSKY, VLADIMIR S.	2,964,166	RAJASEKHAR, VIJAYKUMAR	2,976,465	ROBERTSON, TOM	2,978,706
PONIKVAR, WILLIAM	2,978,445	RAMADHYANI, SATISH	2,976,224	ROBINSON, RODNEY A.	2,977,503
PORDY, ROBERT	2,955,294	RAMANKUTTY, MOHAN	2,978,538	ROBOMOTION GMBH	2,976,010
PORDY, ROBERT	2,955,304	RAMSAGER, THOMAS	2,974,635	ROCKETCHICKEN	
PORTER, MICHAEL		RASMUSSEN, TARA	2,978,457	INTERACTIVE INC.	2,978,536
ELIZABETH	2,975,380	RASSE, BENJAMIN	2,975,642	ROCKOIR, BRIAN	2,977,413
POTTER, PAUL J.	2,972,976	RATHEMAN, MICHAEL F.	2,955,284	RODRIGUEZ BAGO, JULIO	2,978,086
POULOSE, AYROOKARAN J.	2,969,241	RAU, HARALD	2,955,569	RODRIGUEZ, ARTURO	2,978,629
POWELL, RICHARD	2,978,490	RAVETCH, JEFFREY V.	2,978,580	RODRIGUEZ, OMAR I.	2,968,696
PRAIRIE VENTURES, LLC	2,976,443	RAVI, KRISHNA	2,976,339	ROELOFS, JULES CASPAR	
PRANOV, HENRIK	2,978,364	RAVI, KRISHNA M.	2,976,343	ALBERT ANTON	2,976,328
PRATIPATI, SUDHEER	2,968,379	RAYMOND, FRITEL	2,978,312	ROGERS, DANIEL J.	2,977,762
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PRELL, ANNA	2,973,742	RAYTHEON COMPANY	2,971,617	ROMANO, NITAY	2,977,374
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TECHNOLOGIES LTD.	2,978,356	REBOIRO JATO, MIGUEL	2,978,169	ROMASHKO, ALIA	2,956,469
PRESIDENT AND FELLOWS		REDFORD, STEVEN G.	2,972,415	ROMERO MUNIZ, ROSA	
OF HARVARD COLLEGE	2,966,914	REDFORD, STEVEN G.	2,972,464	MARIA	2,975,960
PRESIDENT AND FELLOWS		REDL, ANDREAS	2,969,501	ROMMELMANN, CORD	2,977,209
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PRESTIA, IVAN	2,976,429	REES, RICHARD	2,974,005	ROSENBERG BELMAKER,	
PREVOST, JULIE	2,975,564	REGENERA PHARMA LTD.	2,978,529	LIOR ANN	2,972,575
PRICE, DAVID	2,977,163	REGENERON		ROSENBERG BELMAKER,	
PRITTE, MARK L.	2,976,443	PHARMACEUTICALS,		LIOR ANN	2,972,580
PRIHODA S.R.O.	2,975,775	INC.	2,955,294	ROSENBERG, NOAH LABAN	2,978,180
PRIHODA, ZDENEK	2,975,775	REGENERON		ROSENBERG, NOAH LABAN	2,978,204
PRIME DATUM		PHARMACEUTICALS,		ROSENBERGER	
DEVELOPMENT		INC.	2,955,304	HOCHFREQUENZTECHNI	
COMPANY, LLC	2,978,460	REGENTS OF THE		K GMBH & CO. KG	2,974,043
PRINTPACK ILLINOIS, INC.	2,976,346	UNIVERSITY OF		ROSENBERGER	
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RZUCZEK, SUZANNE G.	2,955,428	SCHLUMBERGER CANADA		SHIBAHARA, NORIHIRO	2,975,501
SAAD, MOUNIR	2,975,667	LIMITED	2,976,381	SHIBAYAMA, KEISUKE	2,978,233
SAARENMAA, JARMO	2,975,961	SCHLUMBERGER CANADA		SHIGETA, YOSHIFUMI	2,973,805
SAARINEN, JUHANI	2,954,934	LIMITED	2,976,925	SHIMODA, MASAYUKI	2,978,399
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SABRY, EMAD	2,975,950	LIMITED	2,976,933	CO., LTD.	2,973,805
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SAFRAN HELICOPTER		LIMITED	2,978,400	THERAPIES, INC.	2,956,469
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FRANCE	2,977,207	SCHMITT, THOMAS M.	2,956,545	AKTIENGESELLSCHAFT	2,973,759
SAITO, SUSUMU	2,978,251	SCHNEIDER, RALPH	2,977,393	SIEMENS	
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SANCHEZ, LORENA	2,970,718	SCHUCK, PIERRE	2,972,751	SIKA TECHNOLOGY AG	2,976,078
SANCHEZ, LORENA	2,970,720	SCHULTZ, PETER G.	2,978,184	SIL VESTRINI, LAURENT	2,973,788
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SANTINI, ALESSANDRO	2,977,317	SEGUIN, JACQUES	2,975,950	SLIMAN, JOSEPH	2,978,604
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SOCOLSKY, CECILIA	2,970,720	SUN, JIRUN	2,978,323	TENG, YUMIN	2,970,775
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CORBELL, JASON	2,975,946	HIGGINBOTHAM, PAUL	2,957,140	PALMER, WENDELL	2,959,849
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